

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042710.D
 Acq On : 4 Sep 2019 16:42
 Operator : HP/JU
 Sample : K4555-21MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:50:32 AM

Quant Time: Sep 04 18:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35427	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	134432	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105585	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249218	20.00	ng	0.00
76) Chrysene-d12	21.69	240	267073	20.00	ng	0.00
87) Perylene-d12	24.93	264	317704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	218599	124.97	ng	0.00
7) Phenol-d6	7.17	99	262970	111.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	176172	90.56	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	211778	141.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	565820	90.63	ng	0.00
79) Terphenyl-d14	20.02	244	1126519	91.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	25104	34.390	ng	# 50
3) Pyridine	3.84	79	48881	26.114	ng	93
4) n-Nitrosodimethylamine	3.75	42	29580	44.244	ng	90
6) Aniline	7.32	93	36718	11.651	ng	98
8) 2-Chlorophenol	7.57	128	90751	42.808	ng	99
9) Benzaldehyde	7.13	77	32927	27.835	ng	98
10) Phenol	7.20	94	86234	35.895	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	71656	37.979	ng	99
12) 1,3-Dichlorobenzene	7.89	146	108483	40.226	ng	99
13) 1,4-Dichlorobenzene	8.04	146	108955	39.886	ng	99
14) 1,2-Dichlorobenzene	8.36	146	104274	39.860	ng	99
15) Benzyl Alcohol	8.24	79	67658	39.801	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91236	35.677	ng	99
17) 2-Methylphenol	8.45	107	70627	39.914	ng	97
18) Hexachloroethane	9.09	117	35969	38.462	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	55286	36.117	ng	95
20) 3+4-Methylphenols	8.78	107	92531	37.791	ng	98
22) Acetophenone	8.83	105	129868	45.167	ng	# 98
24) Nitrobenzene	9.21	77	84613	42.952	ng	97
25) Isophorone	9.73	82	156690	40.813	ng	99
26) 2-Nitrophenol	9.93	139	55729	45.143	ng	95
27) 2,4-Dimethylphenol	9.99	122	84309	49.578	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	98449	40.685	ng	99
29) 2,4-Dichlorophenol	10.47	162	105367	47.358	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	121325	44.427	ng	97
31) Naphthalene	10.87	128	276184	44.251	ng	99
32) Benzoic acid	10.16	122	28483	27.320	ng	95
33) 4-Chloroaniline	11.00	127	11306	3.924	ng	98
34) Hexachlorobutadiene	11.16	225	84526	46.054	ng	99
35) Caprolactam	11.76	113	24103m	32.466	ng	
36) 4-Chloro-3-methylphenol	12.11	107	95315	45.129	ng	99
37) 2-Methylnaphthalene	12.48	142	225951	45.086	ng	99
38) 1-Methylnaphthalene	12.70	142	213275	44.803	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	157252	46.377	ng	99

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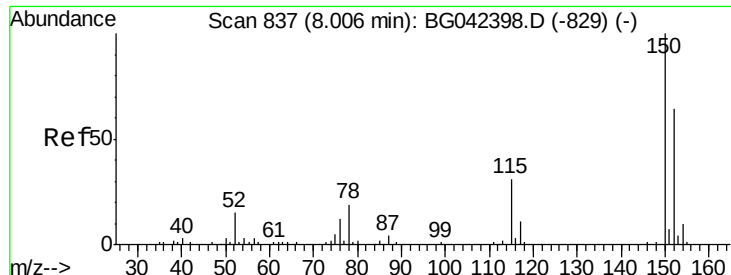
Manual Integrations
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 9/10/2019 9:50:32 AM

Quant Time: Sep 04 18:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	150328	84.402	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	100869	44.011	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	107786	45.382	nq	98
46) 1,1'-Biphenyl	13.49	154	301322	44.149	nq	96
47) 2-Chloronaphthalene	13.53	162	250719	42.603	nq	99
48) 2-Nitroaniline	13.73	65	54709	38.551	nq	98
49) Acenaphthylene	14.38	152	392516	44.333	nq	99
50) Dimethylphthalate	14.11	163	328798	43.159	nq	100
51) 2,6-Dinitrotoluene	14.23	165	77621	43.956	nq	94
52) Acenaphthene	14.72	154	230661	42.904	nq	100
53) 3-Nitroaniline	14.56	138	24142	13.670	nq #	89
54) 2,4-Dinitrophenol	14.78	184	92771	78.097	nq	99
55) Dibenzofuran	15.06	168	402234	45.199	nq	99
56) 4-Nitrophenol	14.89	139	93368	74.402	nq	92
57) 2,4-Dinitrotoluene	15.03	165	111429	44.066	nq	98
58) Fluorene	15.71	166	323583	44.481	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	112368m	47.842	nq	
60) Diethylphthalate	15.47	149	315619	42.380	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	196834	44.886	nq	97
62) 4-Nitroaniline	15.73	138	75504	39.947	nq	94
63) Azobenzene	15.99	77	208765	40.909	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	72632	46.485	nq	98
66) n-Nitrosodiphenylamine	15.91	169	303258	44.247	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	139415	44.102	nq	96
68) Hexachlorobenzene	16.73	284	146866	42.738	nq	99
69) Atrazine	16.87	200	115532	47.668	nq	96
70) Pentachlorophenol	17.07	266	159549	89.358	nq	98
71) Phenanthrene	17.45	178	560014	45.239	nq	98
72) Anthracene	17.55	178	574858	46.517	nq	98
73) Carbazole	17.82	167	495397	44.979	nq	98
74) Di-n-butylphthalate	18.37	149	557250	42.801	nq	99
75) Fluoranthene	19.46	202	718826	47.580	nq	97
77) Benzidine	19.65	184	31618	4.129	nq	99
78) Pyrene	19.83	202	742868	45.368	nq	97
80) Butylbenzylphthalate	20.71	149	260876	40.507	nq	95
81) Benzo(a)anthracene	21.67	228	729789	44.920	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	134587	20.598	nq	98
83) Chrysene	21.74	228	707484	45.154	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	377750	42.245	nq	97
85) Di-n-octyl phthalate	22.78	149	658736	42.832	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	933442	43.838	nq #	89
88) Benzo(b)fluoranthene	23.91	252	820146	46.956	nq	99
89) Benzo(k)fluoranthene	23.98	252	787600	46.912	nq #	98
90) Benzo(a)pyrene	24.78	252	794139	47.915	nq #	97
91) Dibenzo(a,h)anthracene	28.71	278	767164	45.716	nq	99
92) Benzo(g,h,i)perylene	29.82	276	723695	43.119	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

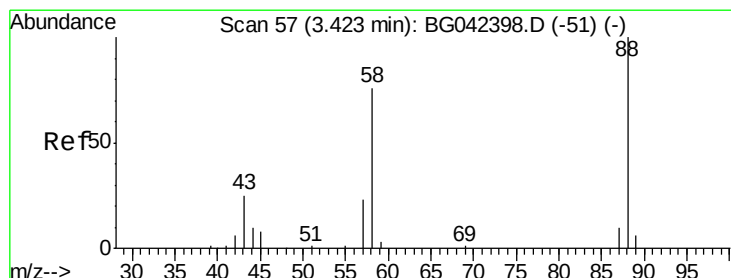
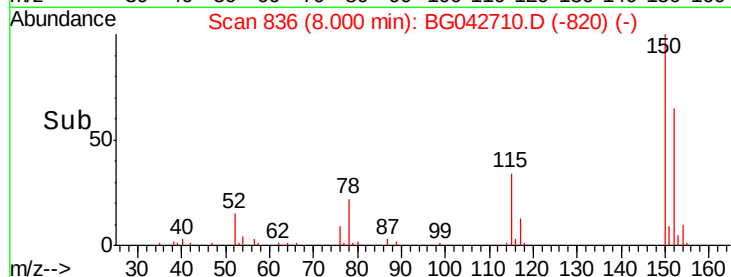
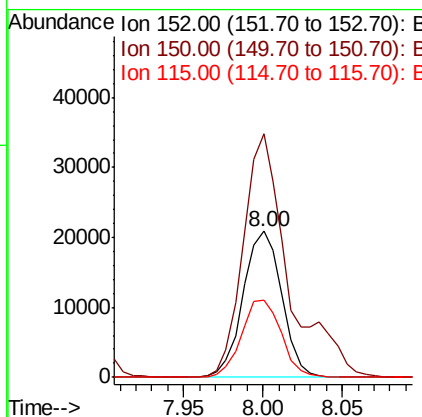
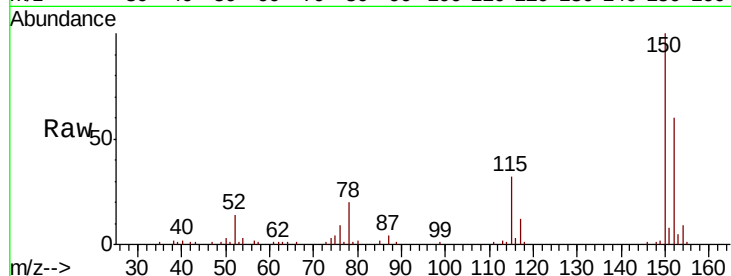
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Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	125.4	188.0
115	53.1	38.5	57.7

Manual Integrations
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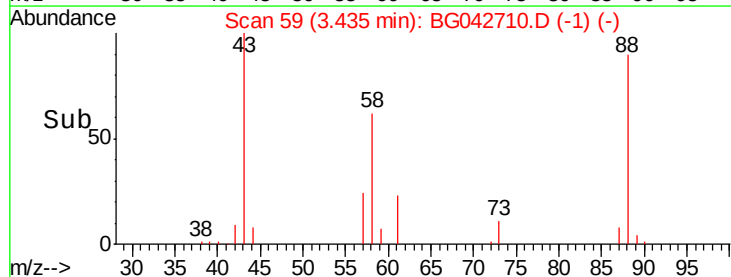
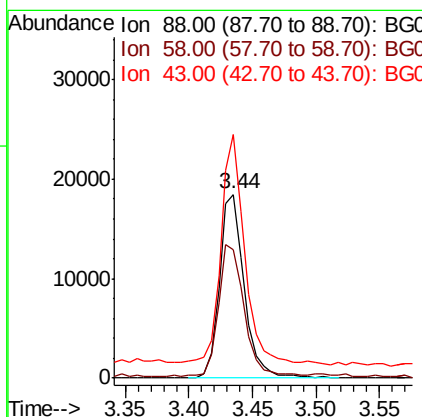
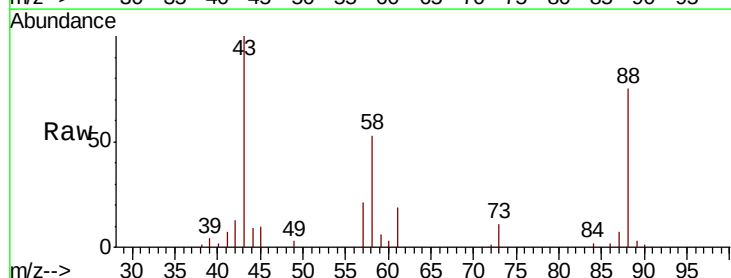
mohammad
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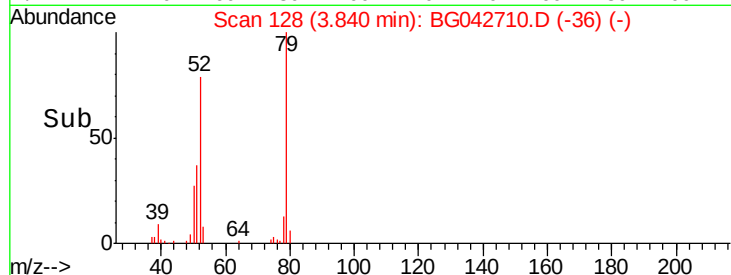
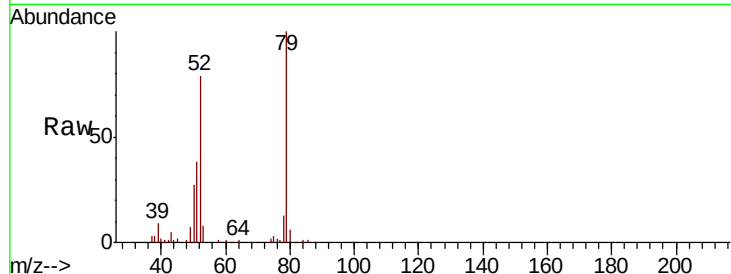
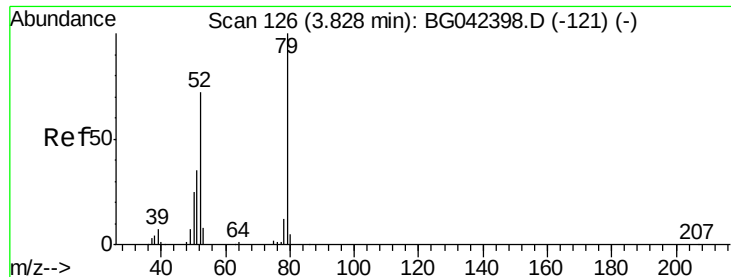


#2

1,4-Dioxane
Concen: 34.390 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	58.3	87.5
43	119.6	20.2	30.2#





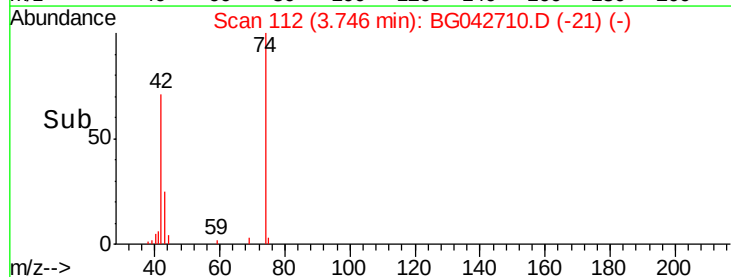
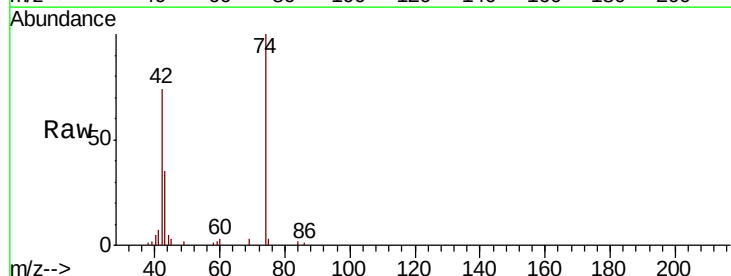
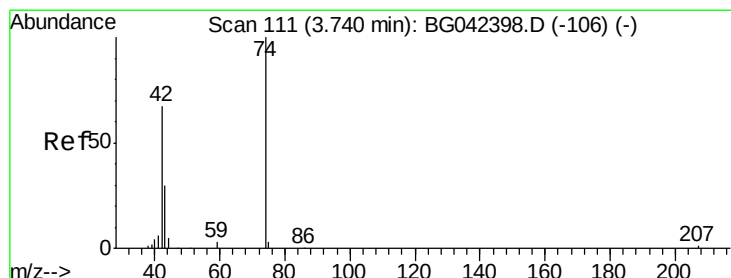
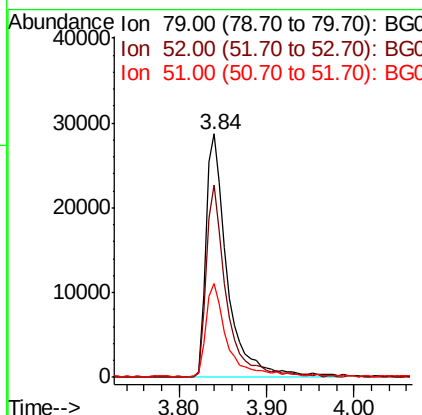
#3
 Pvridine
 Concen: 26.114 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.2	57.7	86.5
51	38.3	28.8	43.2

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

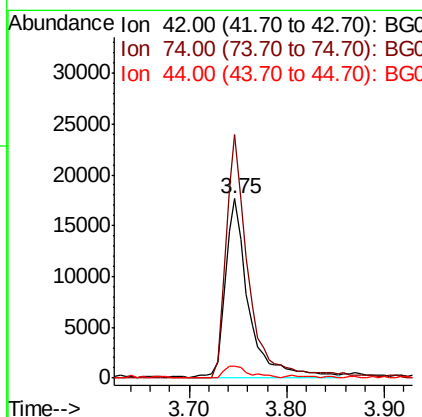
Manual Integrations
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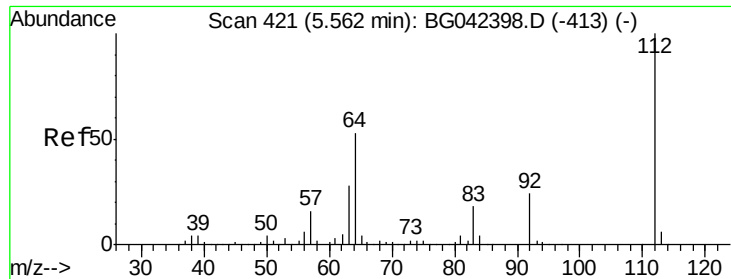
mohammad
 9/10/2019 9:50:32 AM



#4
 n-Nitrosodimethylamine
 Concen: 44.244 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.9	119.6	179.4
44	6.6	6.5	9.7





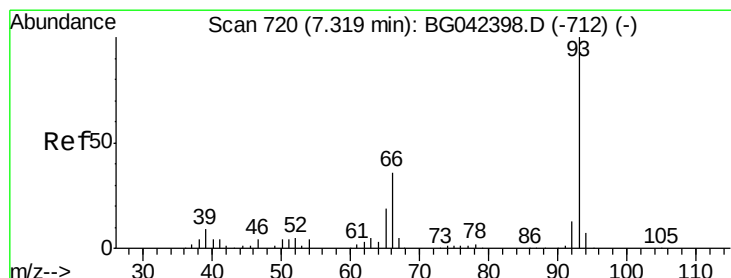
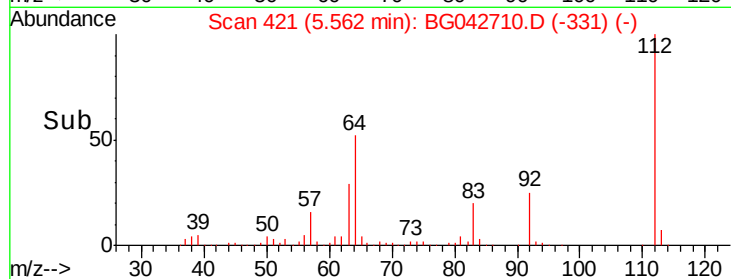
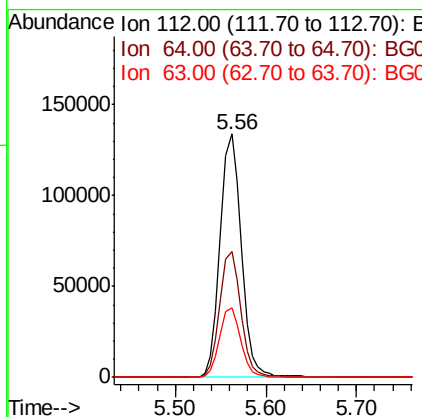
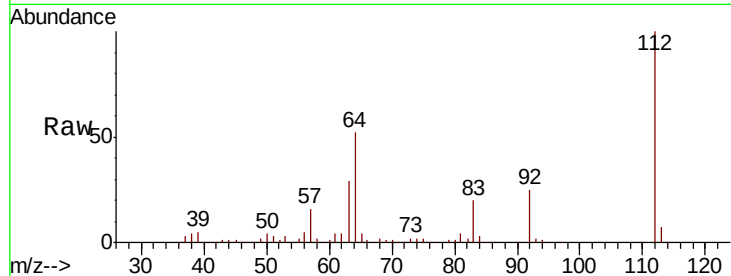
#5
2-Fluorophenol
Concen: 124.969 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	51.9	42.8	64.2
63	28.6	22.7	34.1

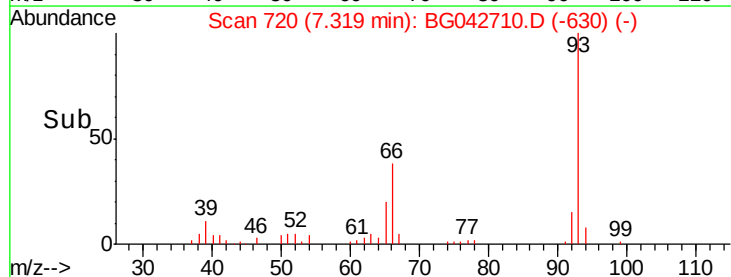
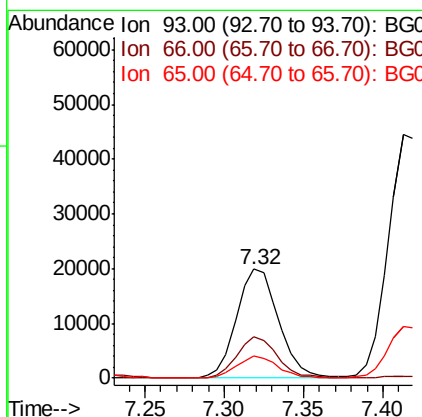
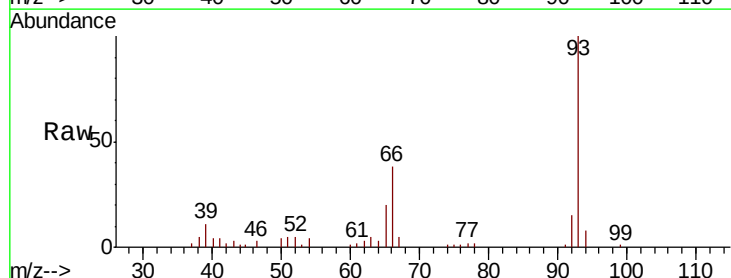
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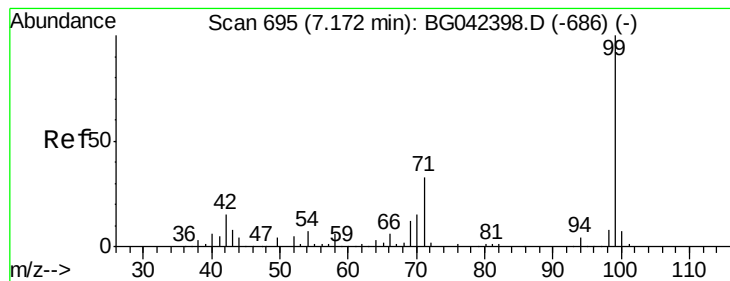
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#6
Aniline
Concen: 11.651 ng
RT: 7.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.7	29.0	43.6
65	20.1	15.2	22.8





#7

Phenol-d6

Concen: 111.295 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

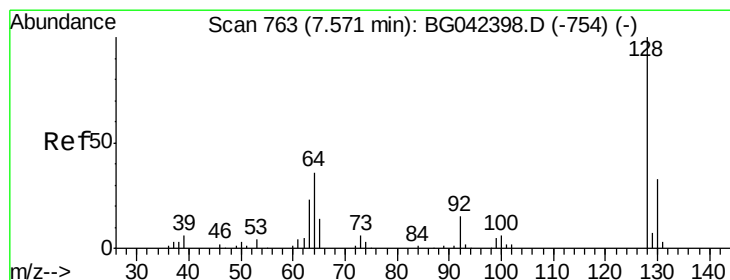
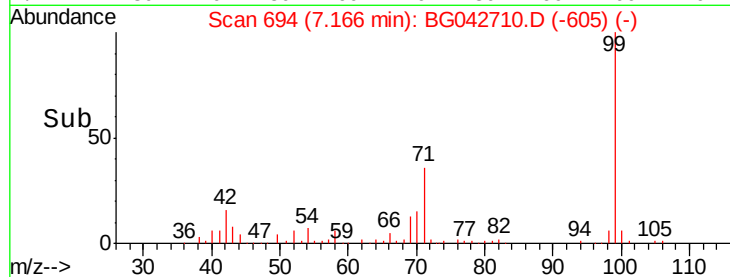
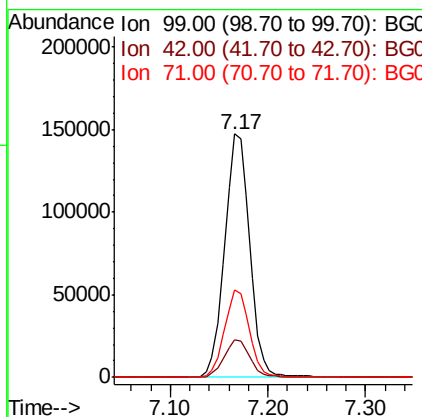
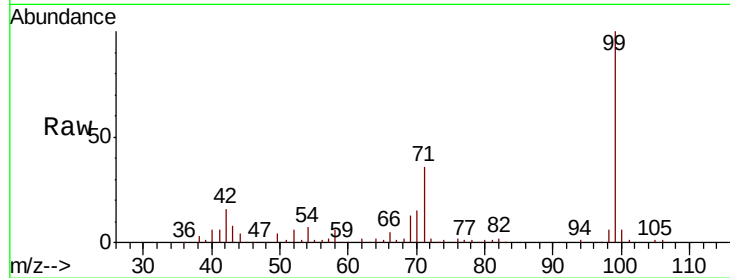
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	262970		
42	15.6	12.0	18.0	
71	36.0	26.3	39.5	

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#8

2-Chlorophenol

Concen: 42.808 ng

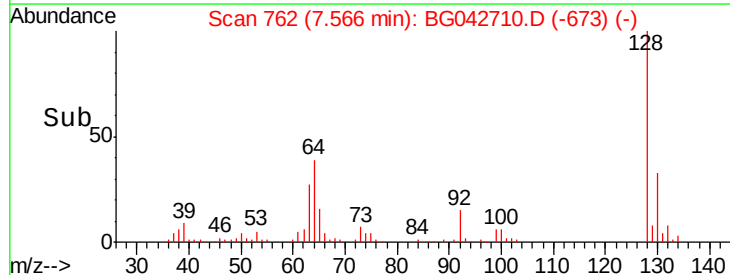
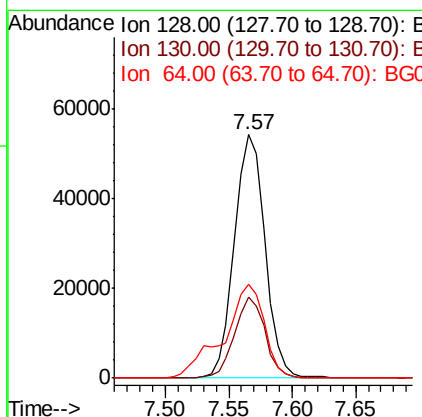
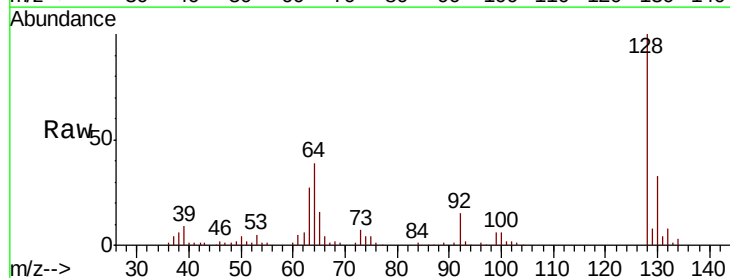
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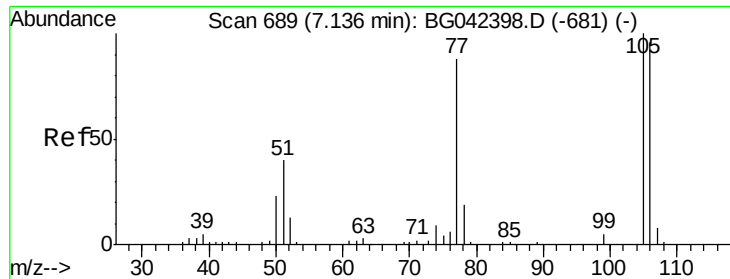
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	90751		
130	33.3	12.8	52.8	
64	38.5	19.2	59.2	





#9

Benzaldehyde

Concen: 27.835 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

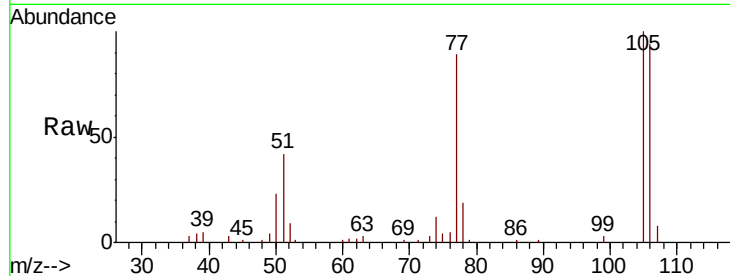
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

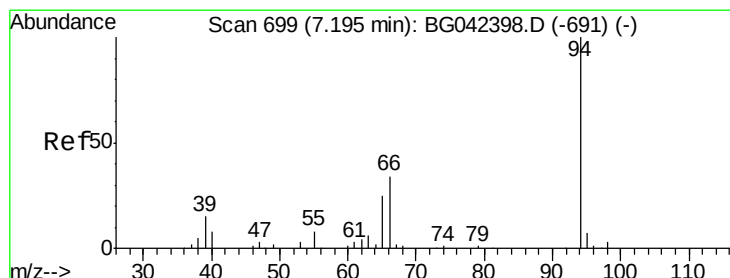
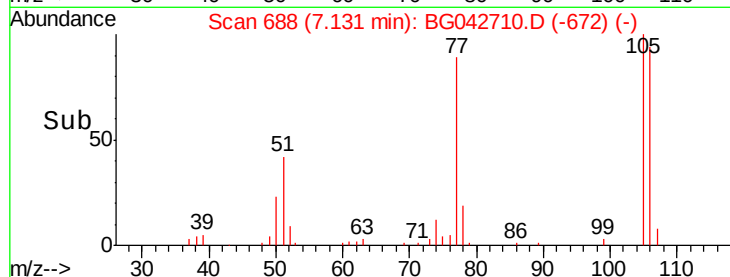
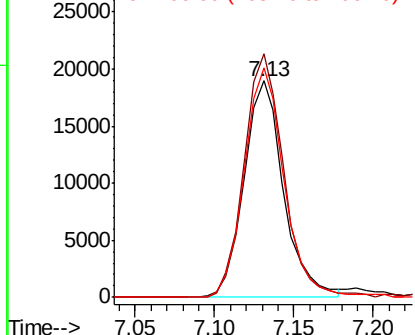
Tot Ion:	77	Resp:	32927
Ion	Ratio	Lower	Upper
77	100		
105	112.4	93.4	133.4
106	106.2	88.4	128.4

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.895 ng

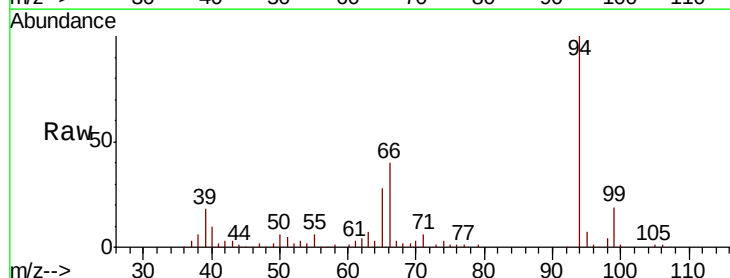
RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

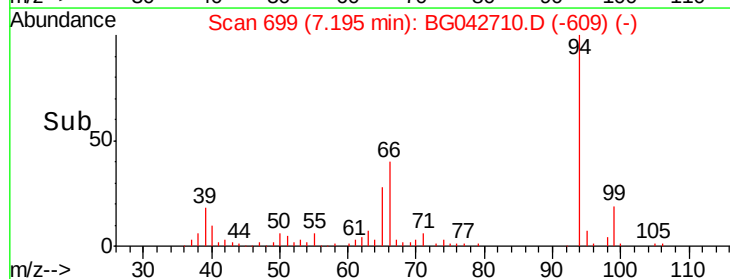
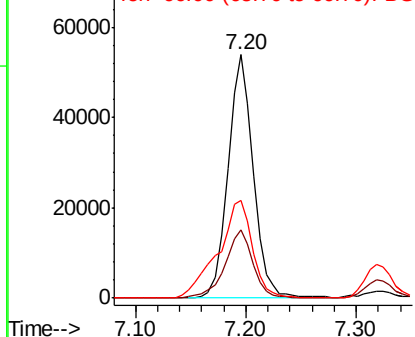
Lab File: BG042710.D

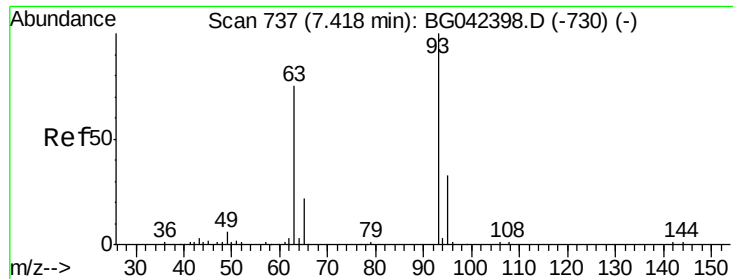
Acq: 4 Sep 2019 16:42

Tgt Ion:	94	Resp:	86234
Ion	Ratio	Lower	Upper
94	100		
65	28.2	5.6	45.6
66	40.1	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





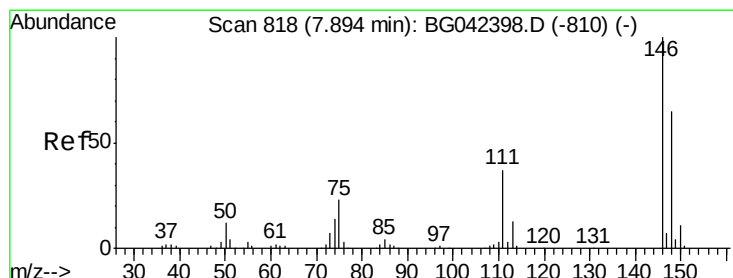
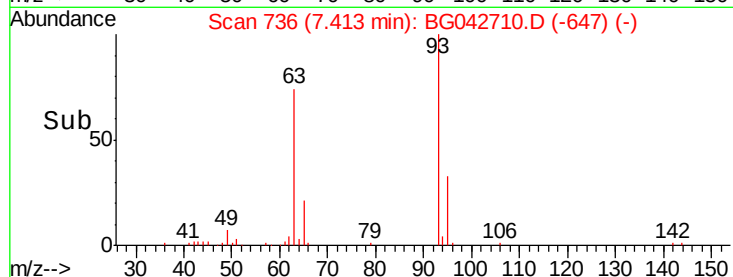
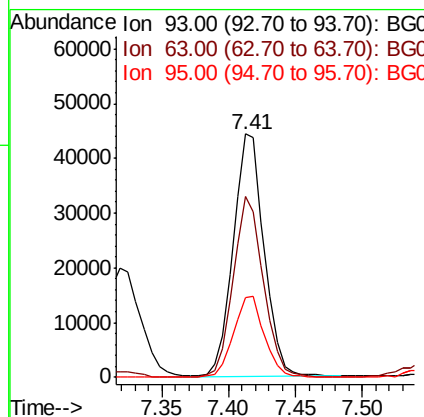
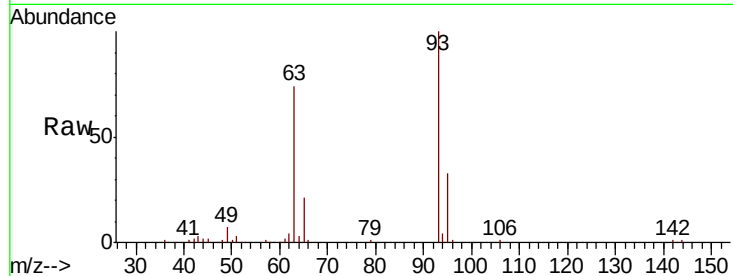
#11
bis(2-Chloroethyl)ether
Concen: 37.979 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	53.8	93.8
95	33.0	13.1	53.1

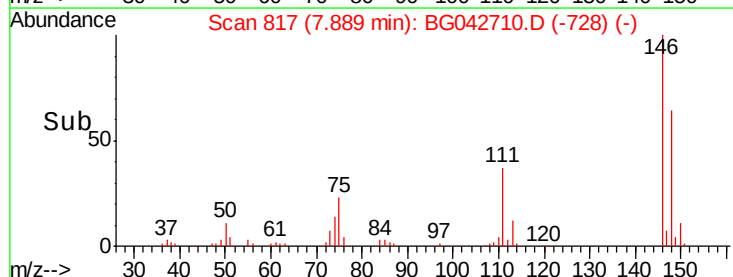
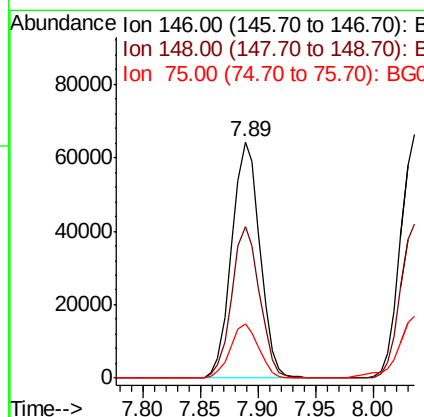
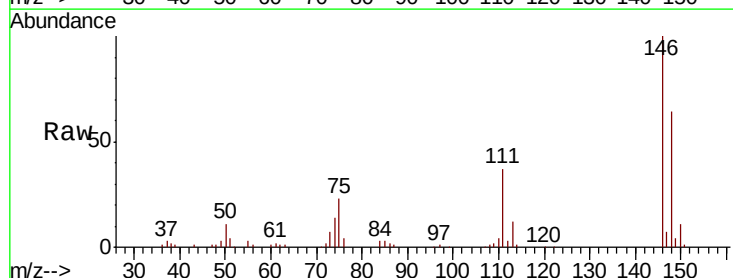
Manual Integrations
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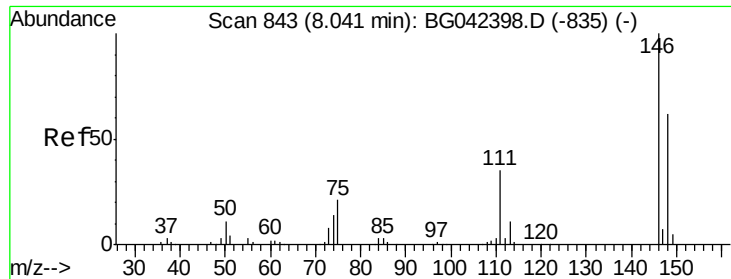
mohammad
9/10/2019 9:50:32 AM



#12
1,3-Dichlorobenzene
Concen: 40.226 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
75	23.1	18.0	27.0





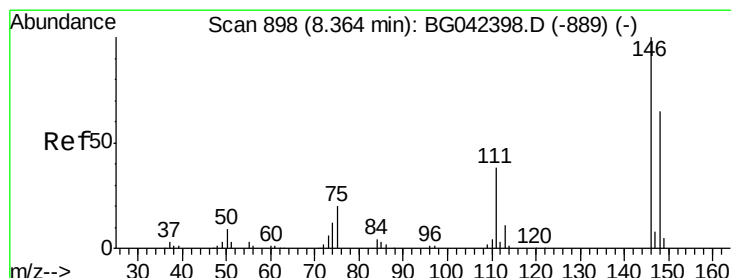
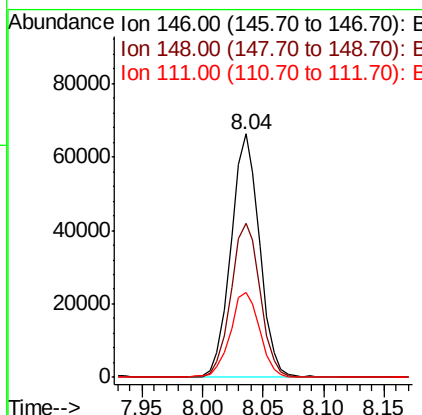
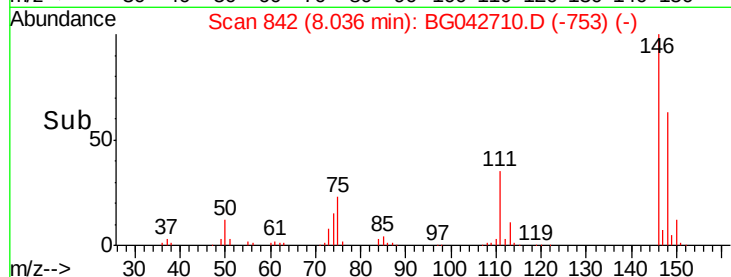
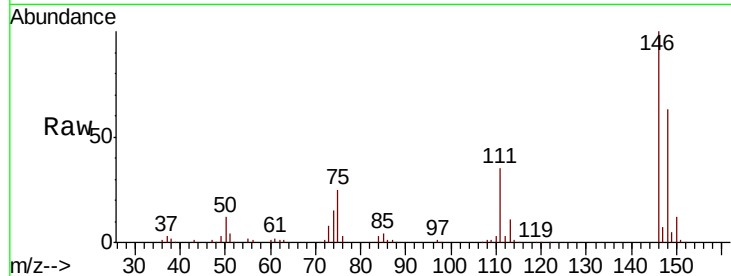
#13
 1,4-Dichlorobenzene
 Concen: 39.886 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.5	74.3
111	35.1	28.1	42.1

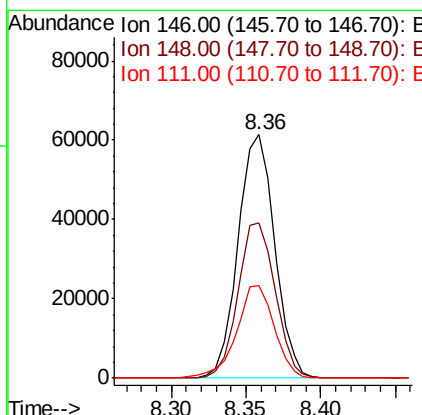
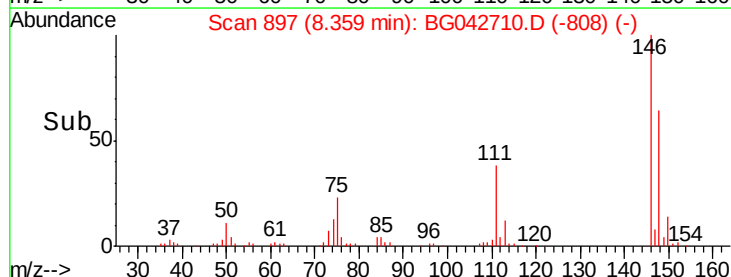
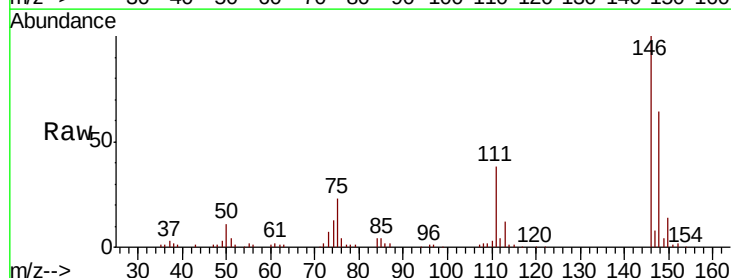
Manual Integrations
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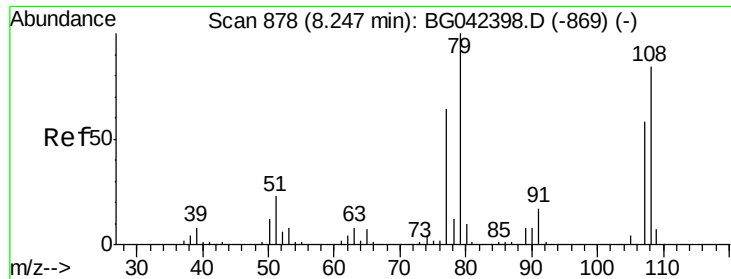
mohammad
 9/10/2019 9:50:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.860 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	37.8	30.9	46.3





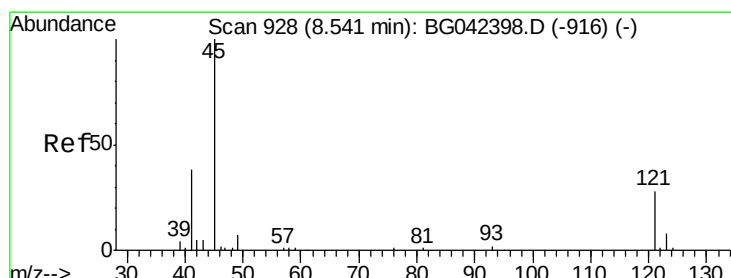
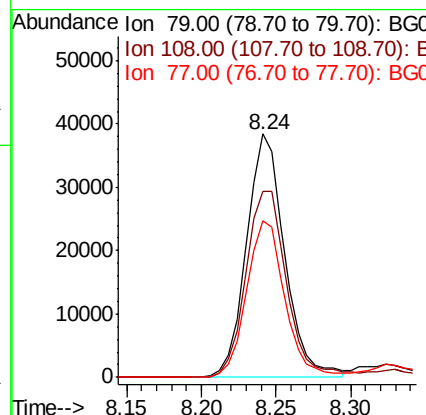
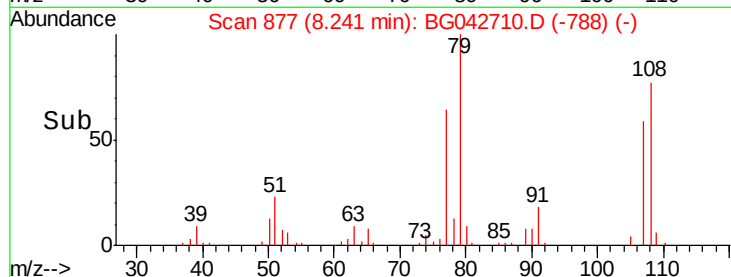
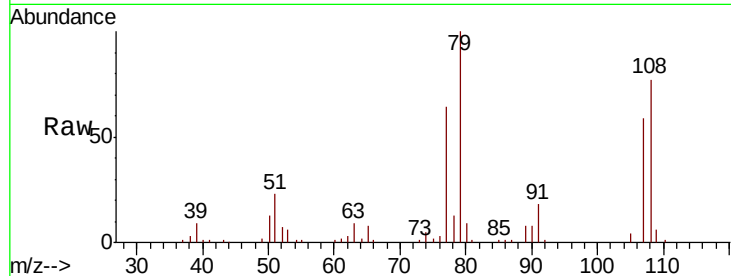
#15
Benzyl Alcohol
Concen: 39.801 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	67.4	101.2
77	64.2	50.8	76.2

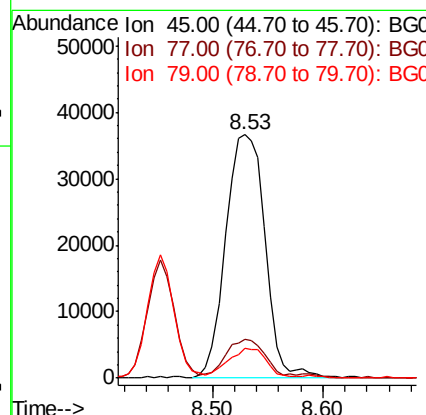
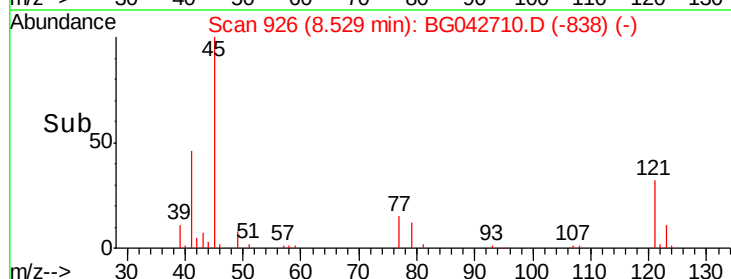
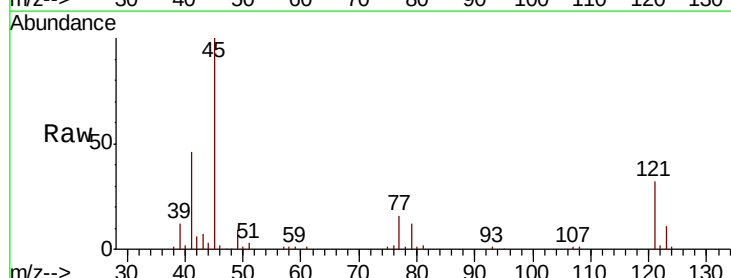
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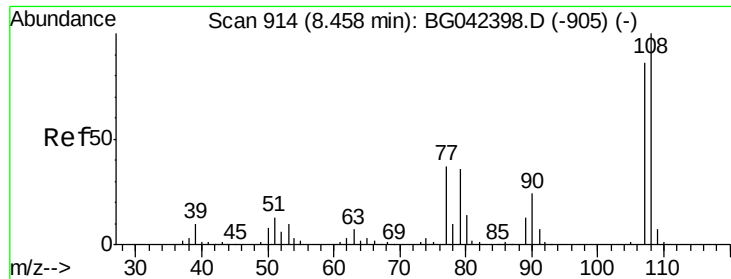
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.677 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.6
79	12.3	0.0	31.6





#17

2-Methylphenol

Concen: 39.914 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

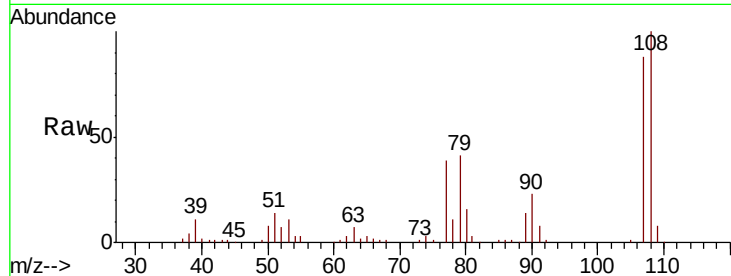
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	107	Resp:	70627
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.9	139.3
77	44.9	34.4	51.6
79	46.9	33.8	50.6

Manual Integrations
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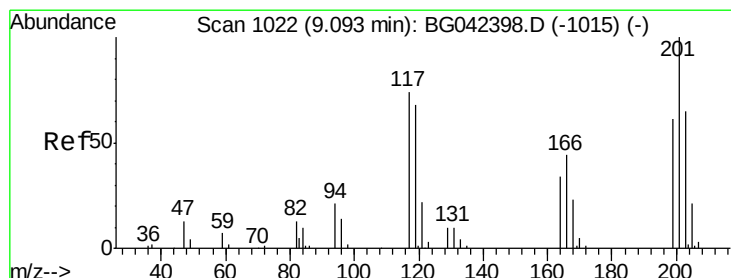
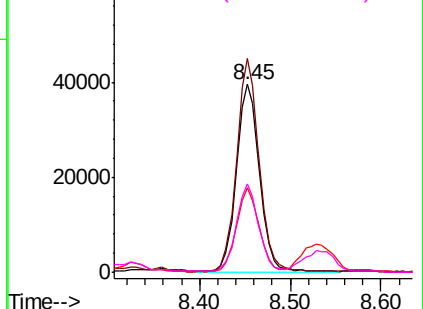
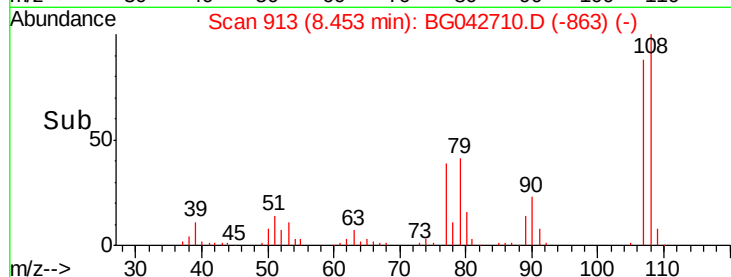
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.462 ng

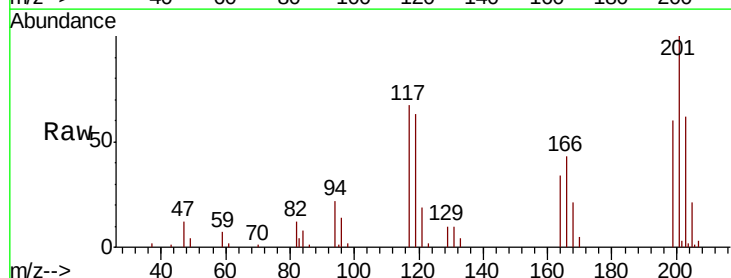
RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	117	Resp:	35969
Ion Ratio	Lower	Upper	
117	100		
119	94.3	73.8	110.8
201	150.2	108.3	162.5

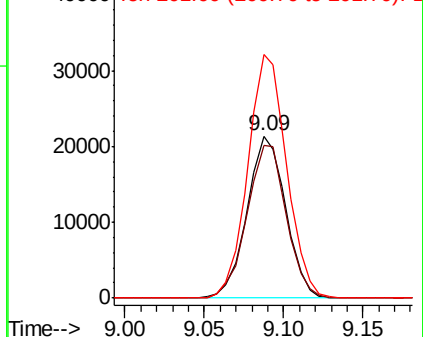
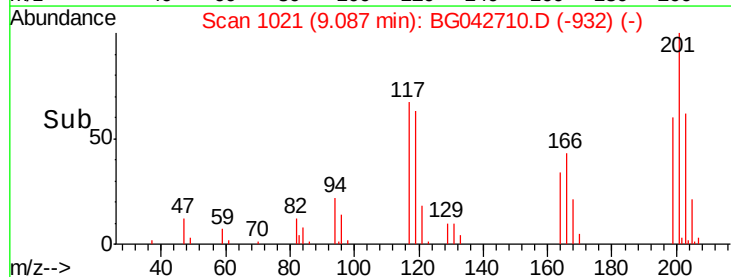


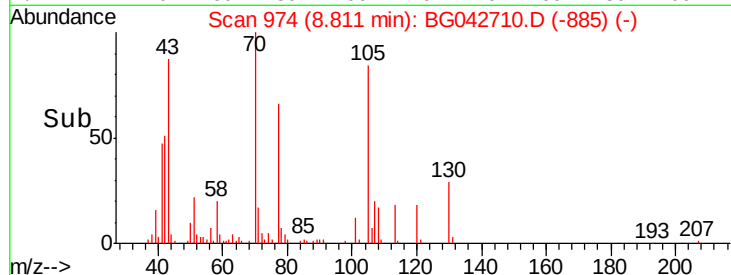
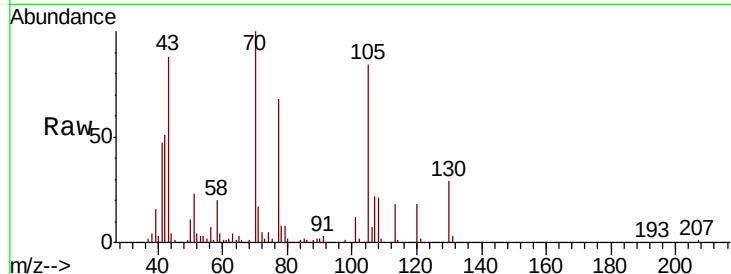
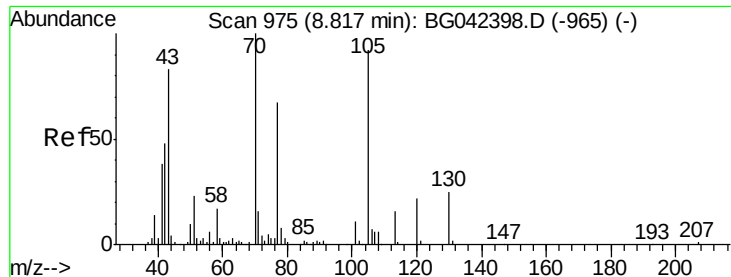
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





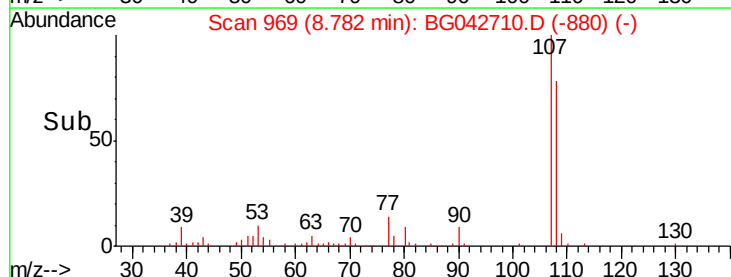
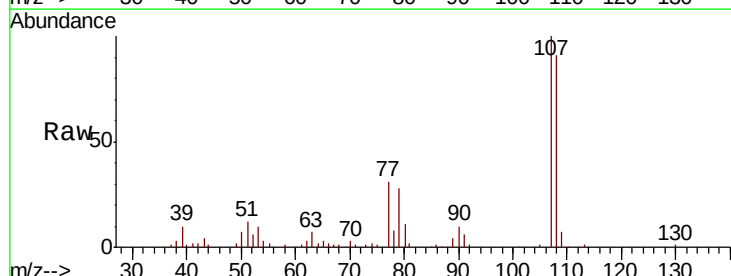
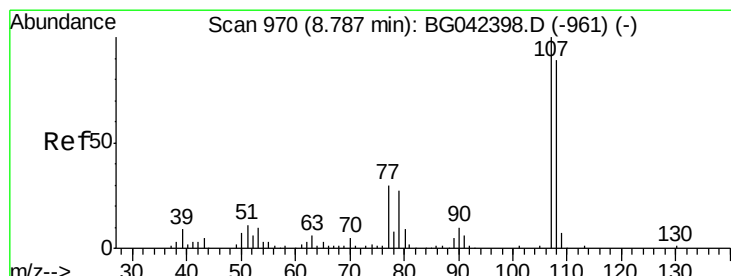
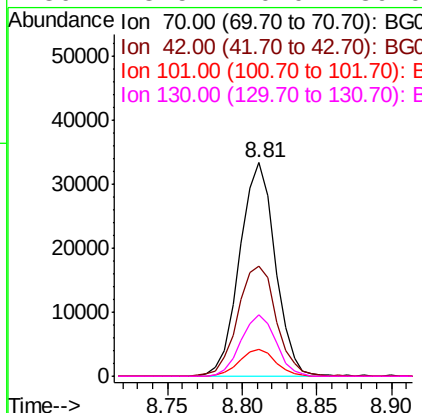
#19
n-Nitroso-di-n-propylamine
Concen: 36.117 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.3	38.8	58.2	
101	12.4	9.0	13.6	
130	28.5	20.0	30.0	

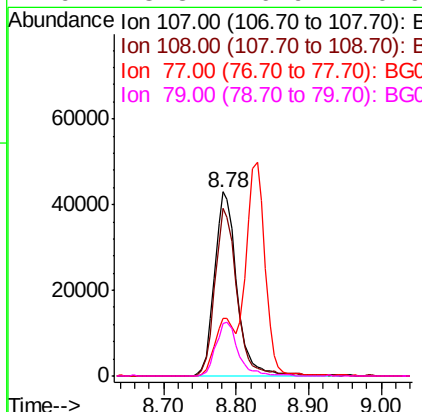
Manual Integrations
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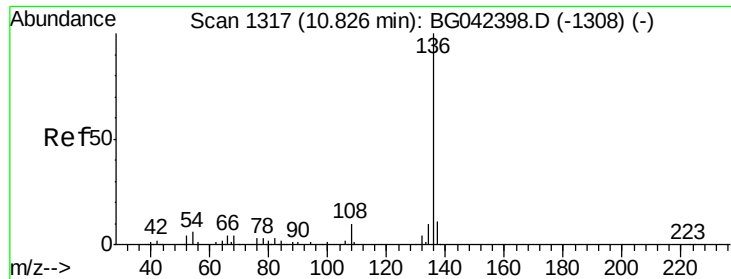
mohammad
9/10/2019 9:50:32 AM



#20
3+4-Methylphenols
Concen: 37.791 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	68.7	108.7	
77	31.3	10.2	50.2	
79	28.3	6.9	46.9	





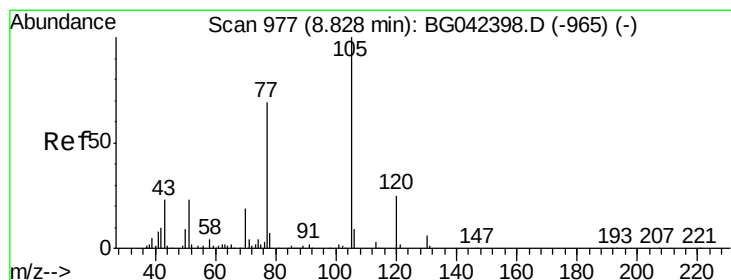
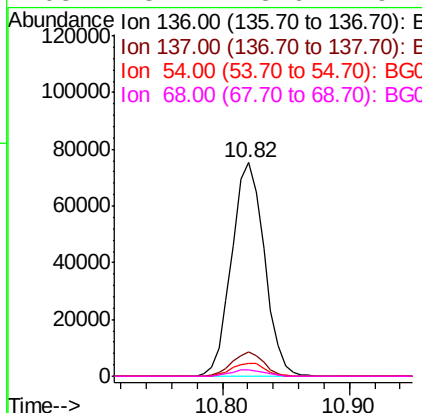
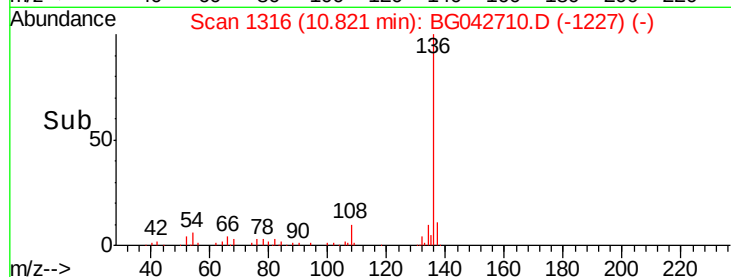
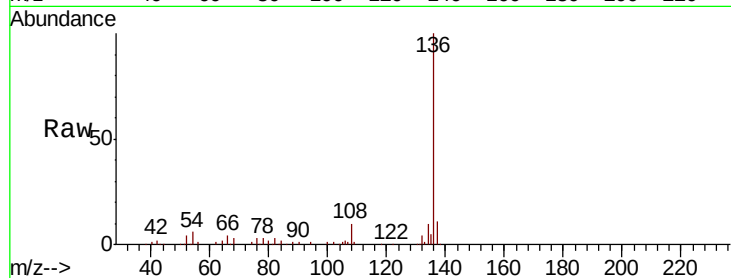
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	134432		
137	11.3	8.7	13.1	
54	6.2	4.9	7.3	
68	3.2	3.6	5.4	

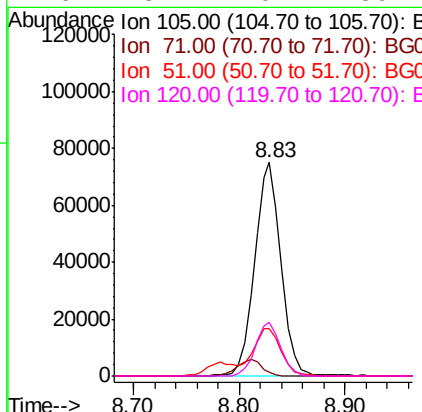
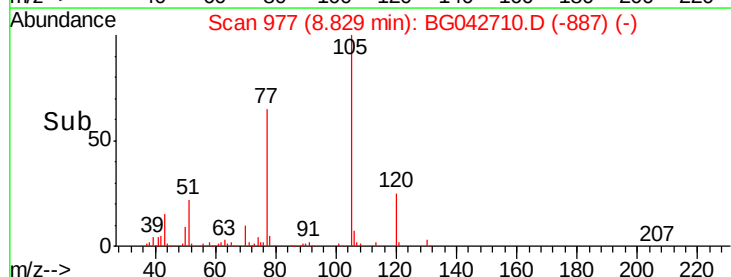
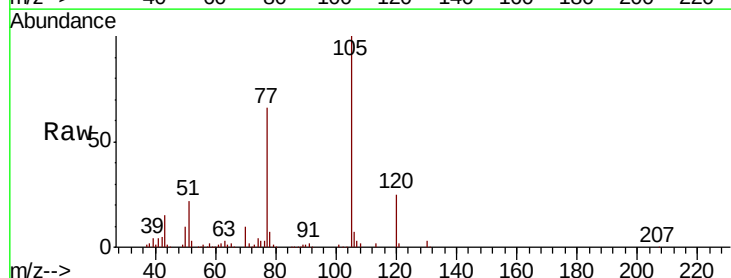
Manual Integrations
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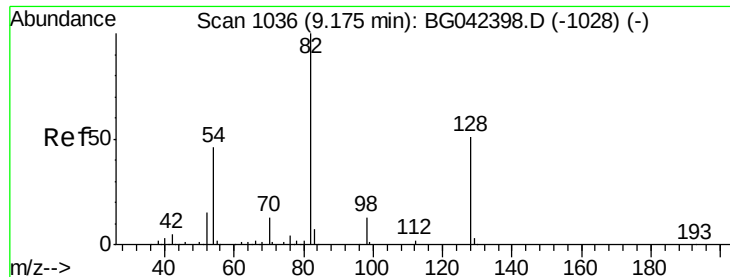
mohammad
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#22
Acetophenone
Concen: 45.167 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129868		
71	1.6	2.8	4.2	
51	22.4	18.7	28.1	
120	25.4	20.1	30.1	





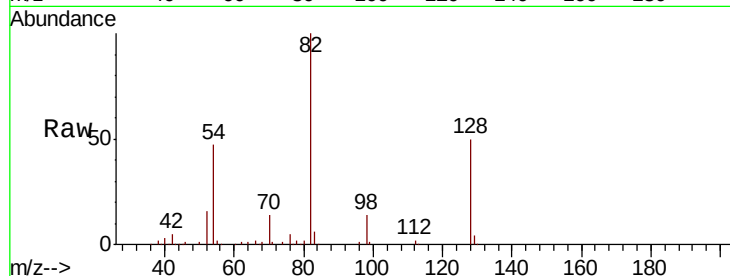
#23
 Nitrobenzene-d5
 Concen: 90.560 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

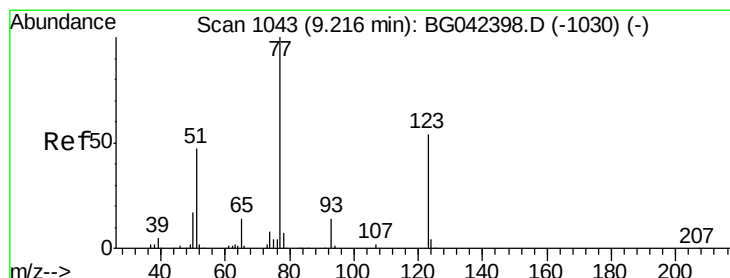
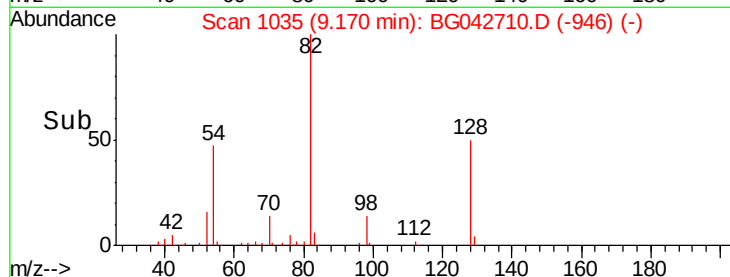
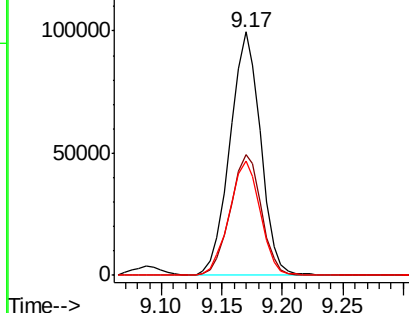
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.7	61.1
54	47.1	36.3	54.5

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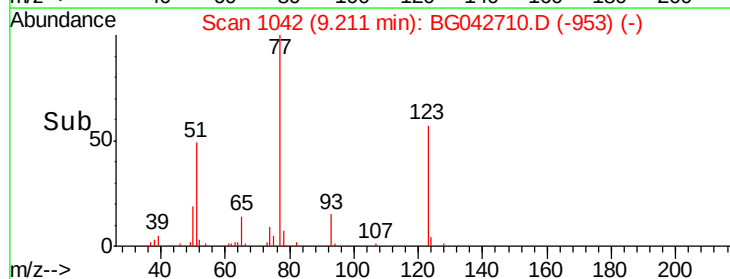
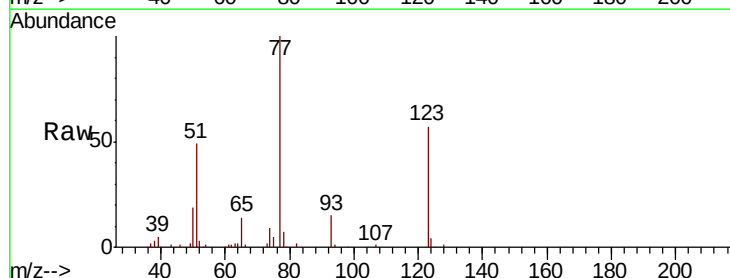
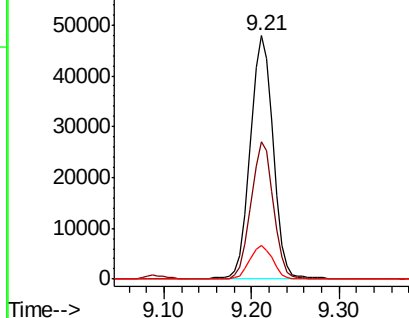
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

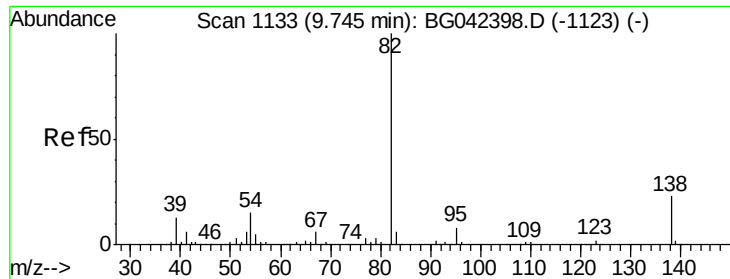


#24
 Nitrobenzene
 Concen: 42.952 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.5	43.4	65.0
65	13.7	11.0	16.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.813 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

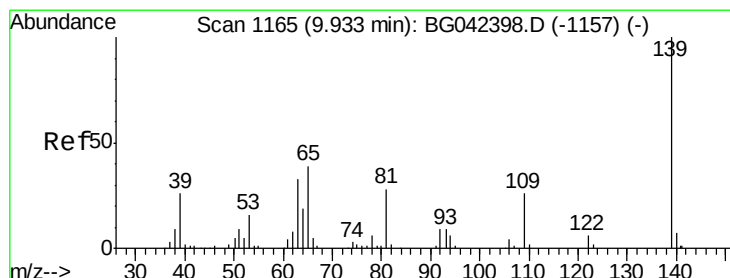
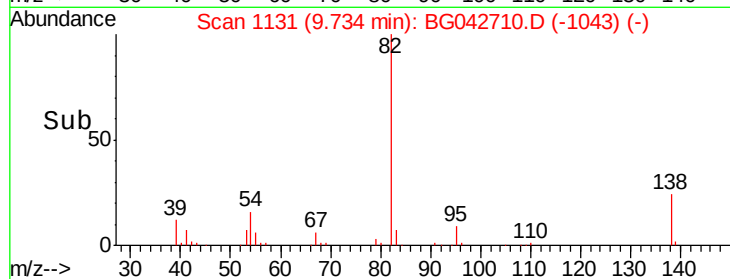
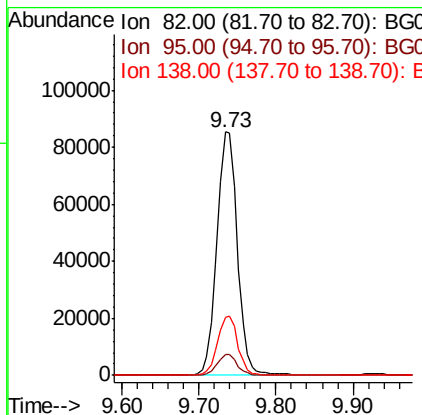
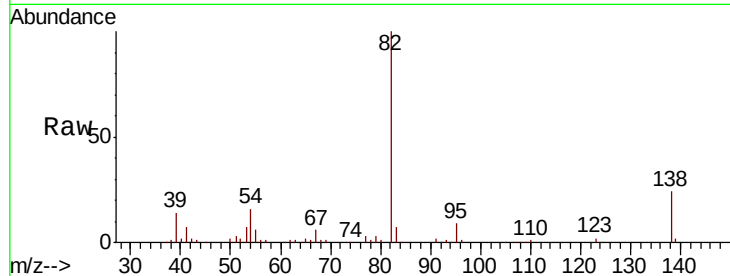
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	156690		
95	8.7		6.6	9.8
138	23.9		18.6	27.8

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#26

2-Nitrophenol

Concen: 45.143 ng

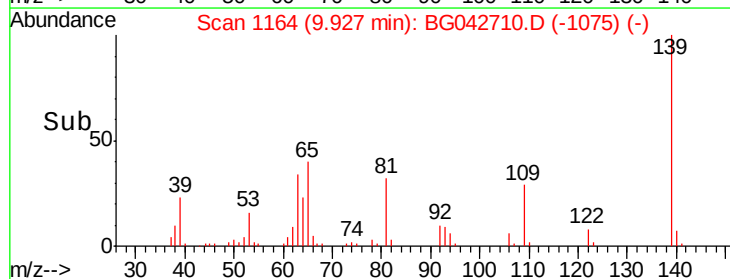
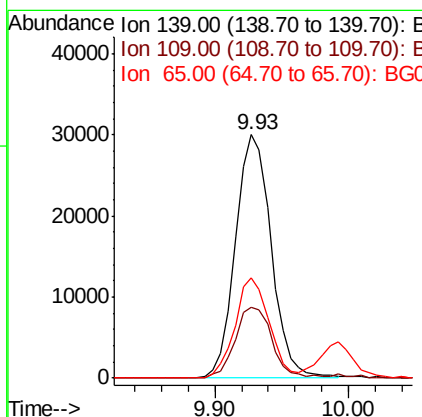
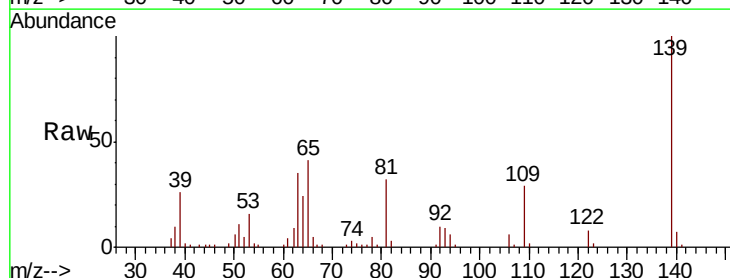
RT: 9.93 min Scan# 1164

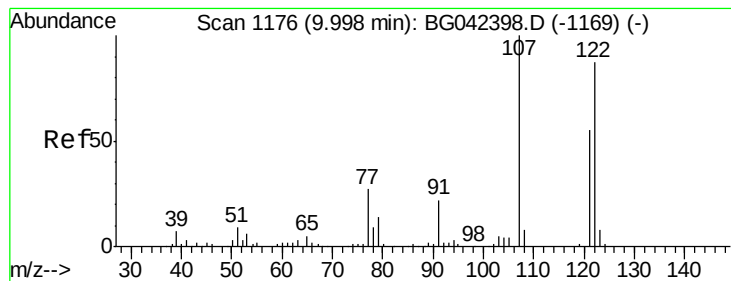
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55729		
109	28.9		20.5	30.7
65	41.3		30.9	46.3





#27

2,4-Dimethylphenol

Concen: 49.578 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

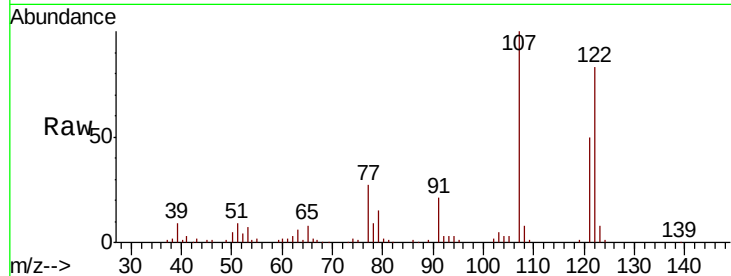
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	122	Resp:	84309
Ion Ratio	Lower	Upper	
122	100		
107	120.2	90.8	136.2
121	59.9	49.6	74.4

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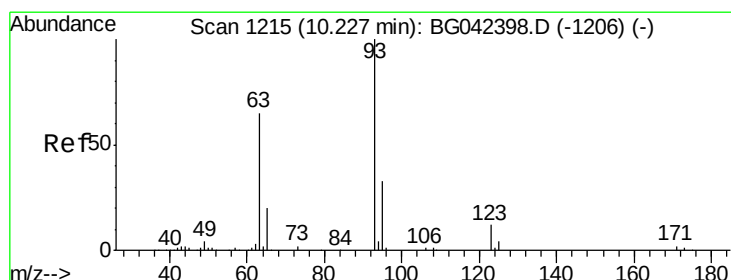
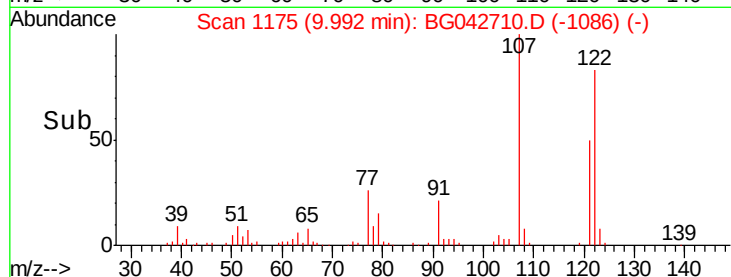
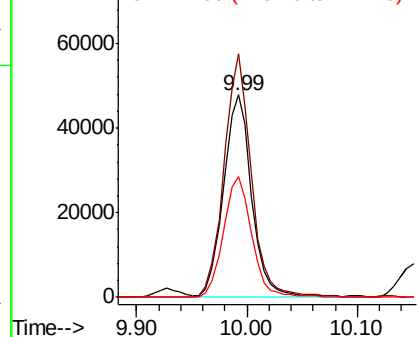


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.685 ng

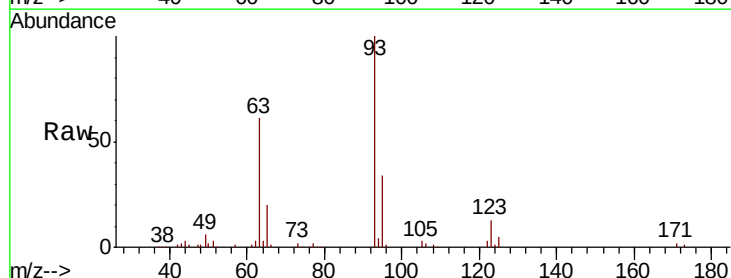
RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	93	Resp:	98449
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.6	40.0
123	13.2	10.1	15.1

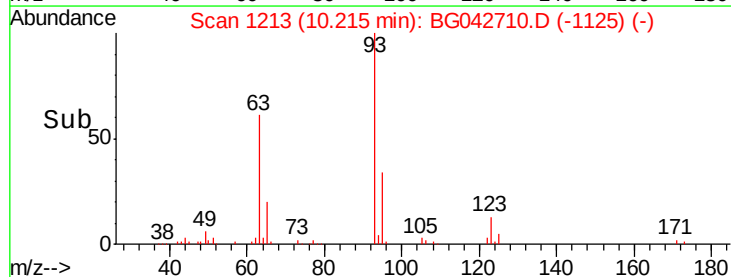
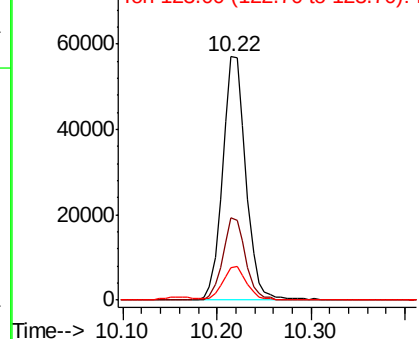


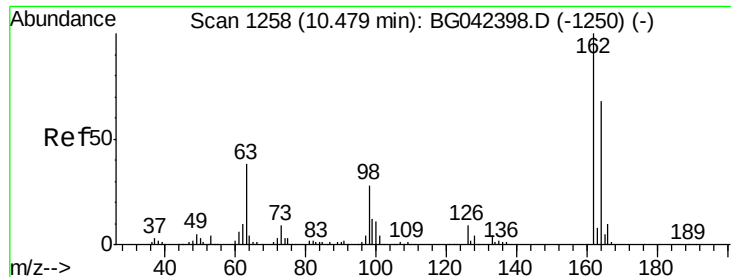
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





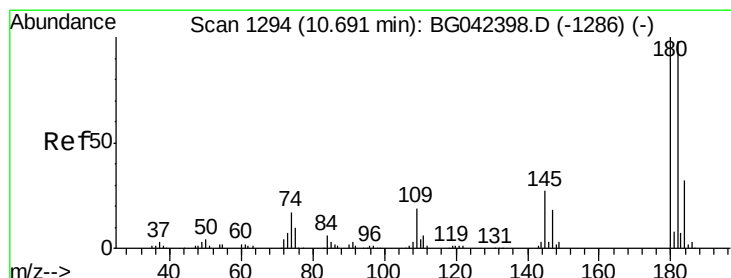
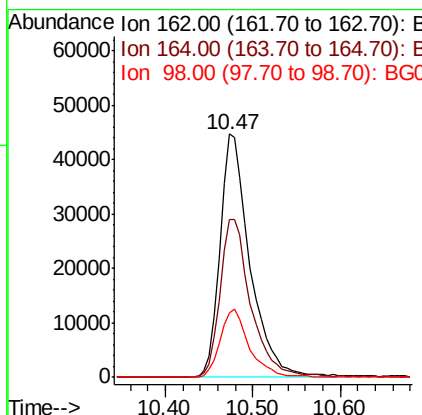
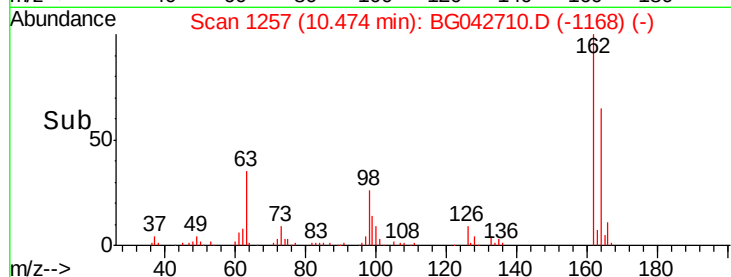
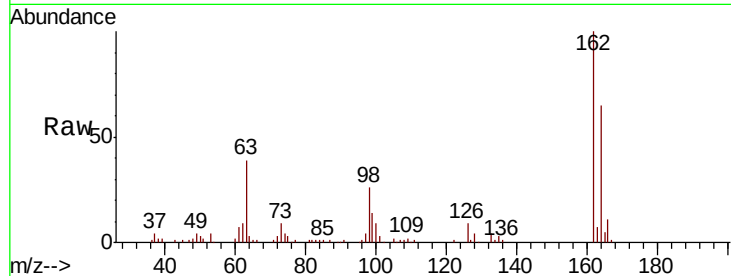
#29
2,4-Dichlorophenol
Concen: 47.358 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	105367		
164	64.8	48.1	88.1	
98	26.3	7.6	47.6	

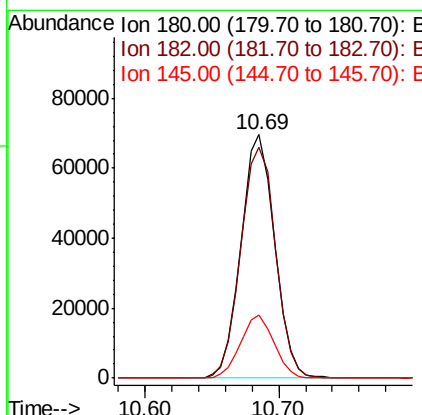
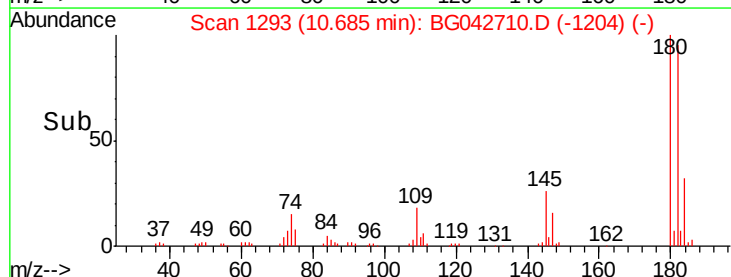
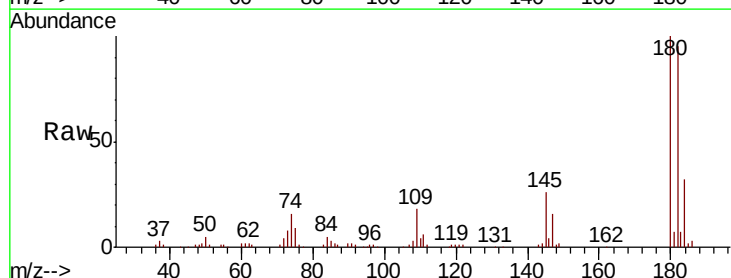
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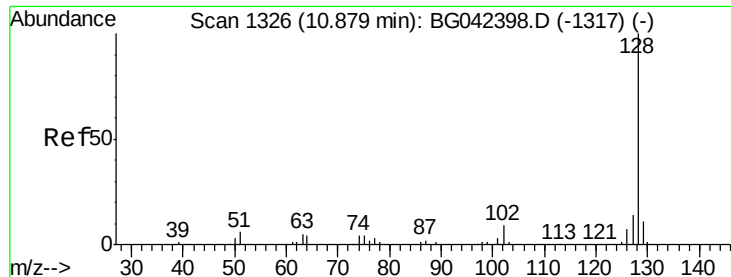
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#30
1,2,4-Trichlorobenzene
Concen: 44.427 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121325		
182	94.7	78.7	118.1	
145	26.2	21.6	32.4	





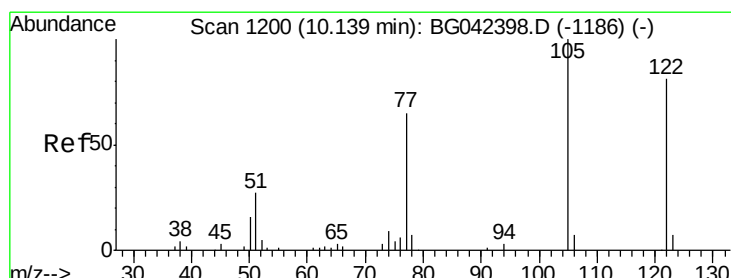
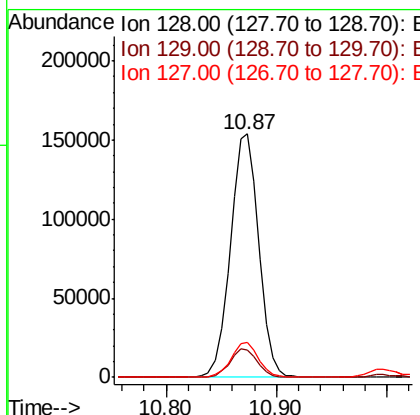
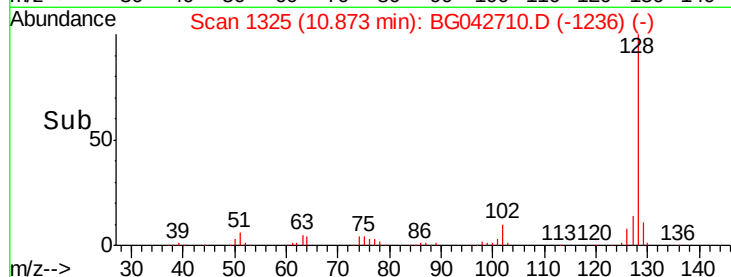
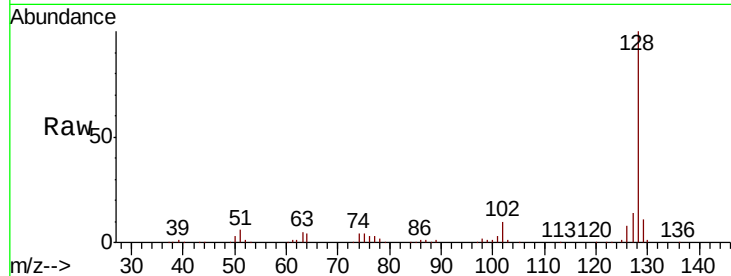
#31
Naphthalene
Concen: 44.251 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.1	11.4	17.0

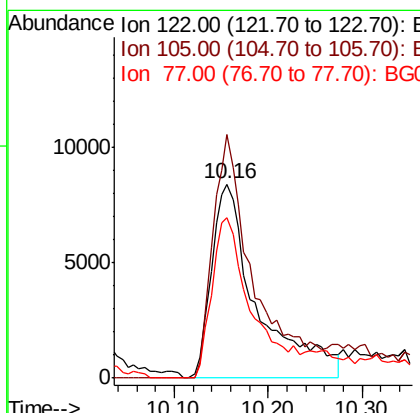
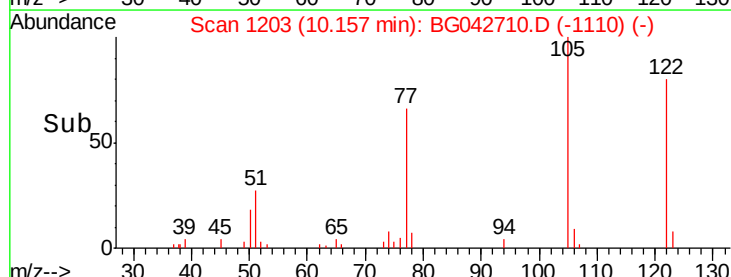
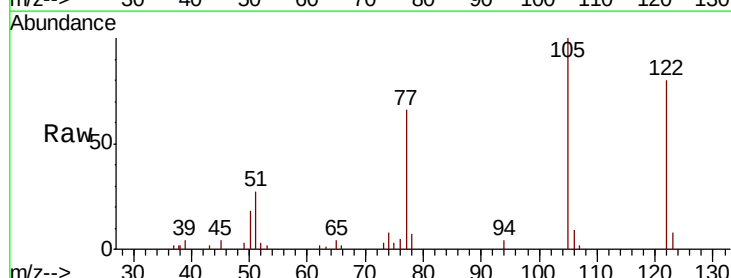
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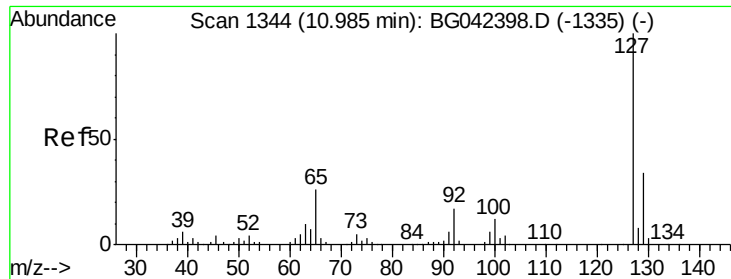
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#32
Benzoic acid
Concen: 27.320 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	99.6	139.6
77	82.7	59.5	99.5





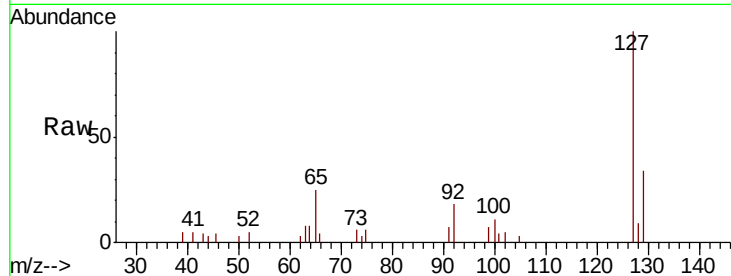
#33
4-Chloroaniline
Concen: 3.924 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

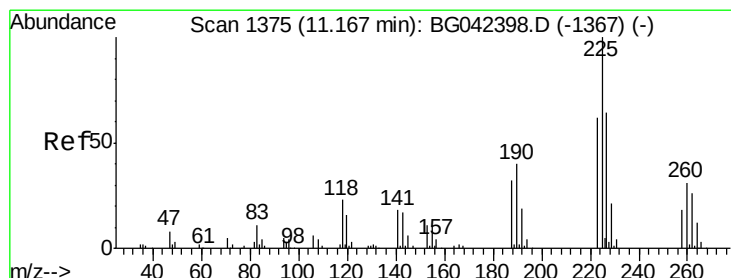
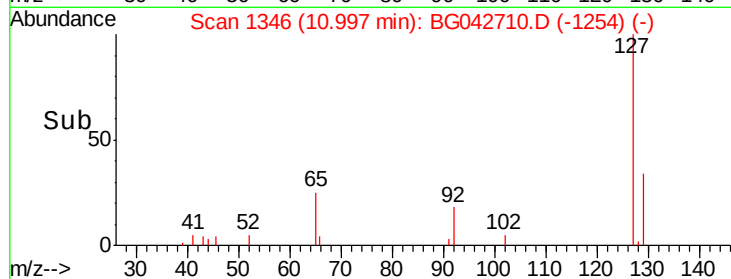
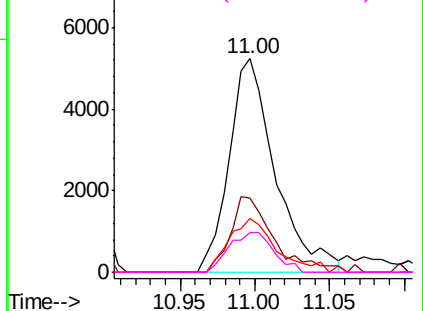
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.8	40.2
65	25.2	20.7	31.1
92	18.4	13.6	20.4

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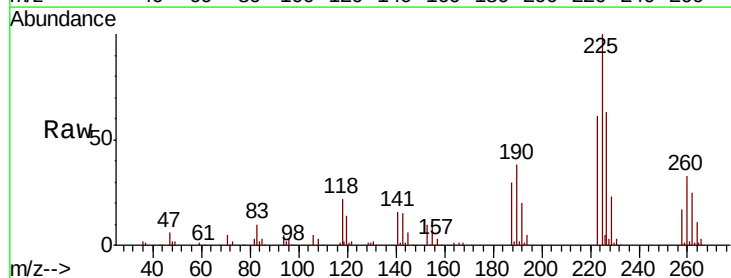


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

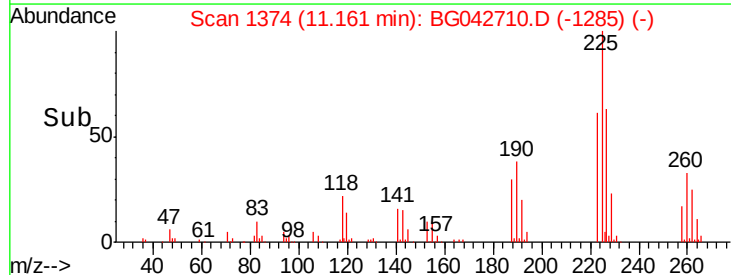
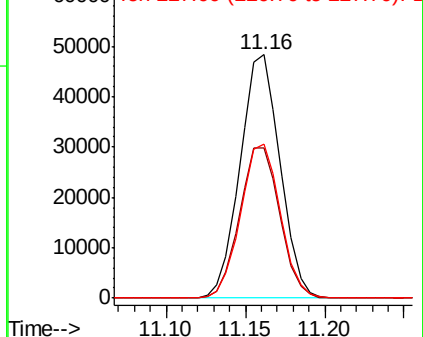


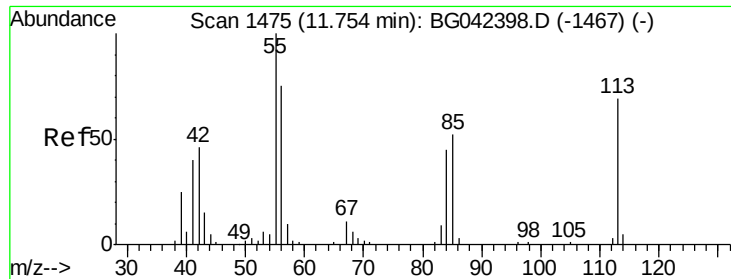
#34
Hexachlorobutadiene
Concen: 46.054 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.8	74.6
227	63.2	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





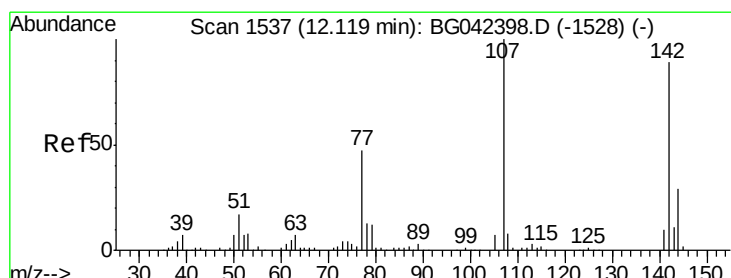
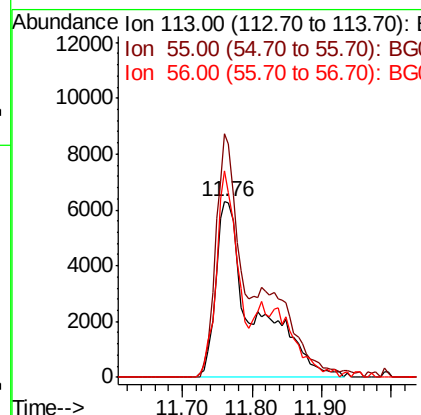
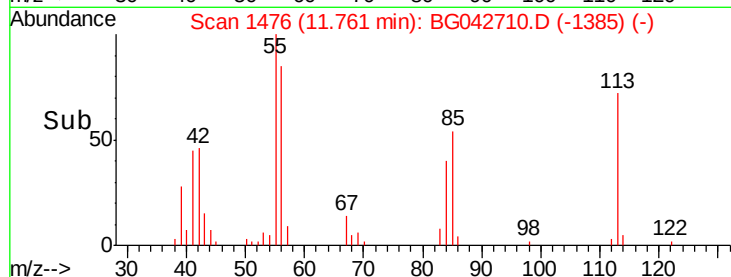
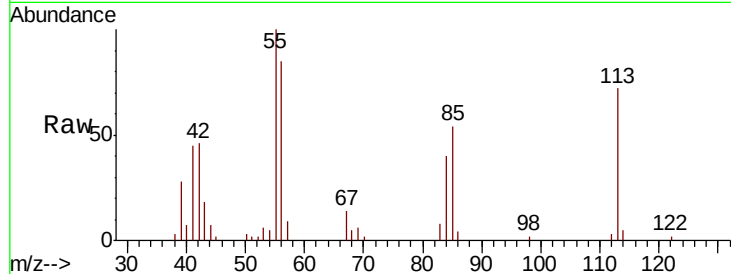
#35
 Caprolactam
 Concen: 32.466 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		24103		
55	138.6		124.6	164.6	
56	117.5		88.3	128.3	

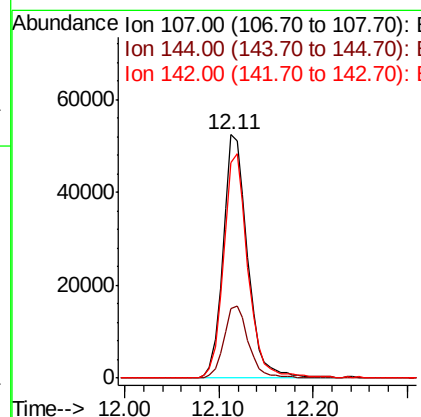
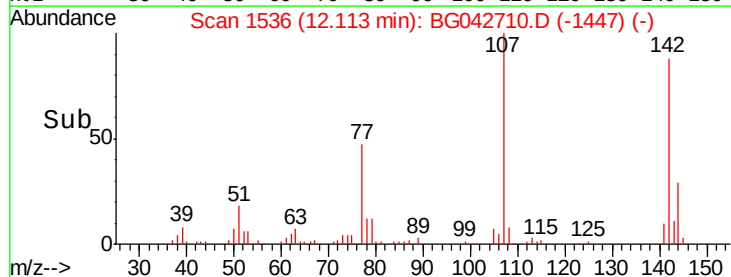
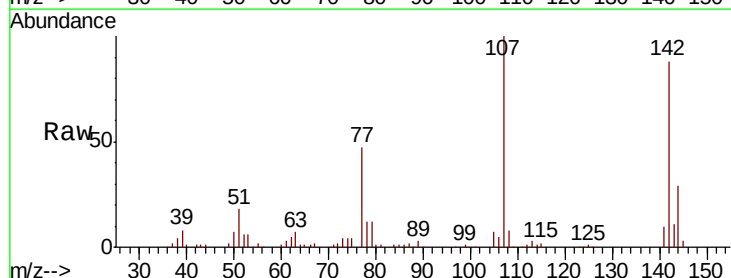
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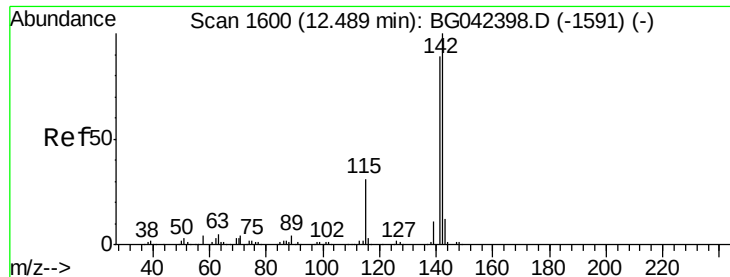
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#36
 4-Chloro-3-methylphenol
 Concen: 45.129 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		95315		
144	28.5		23.6	35.4	
142	88.4		71.0	106.4	





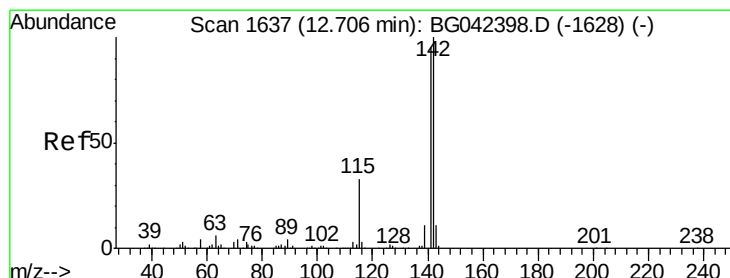
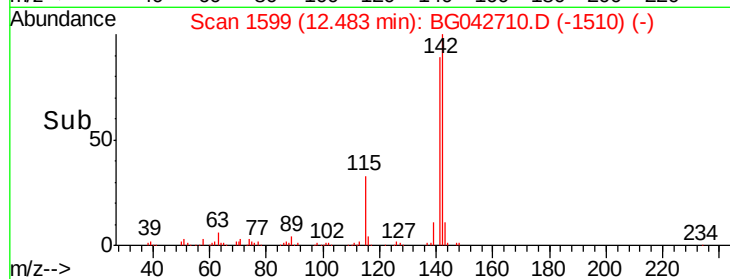
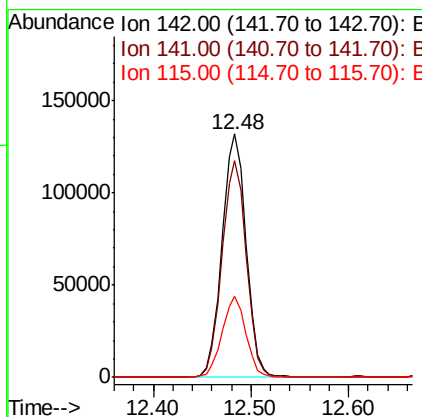
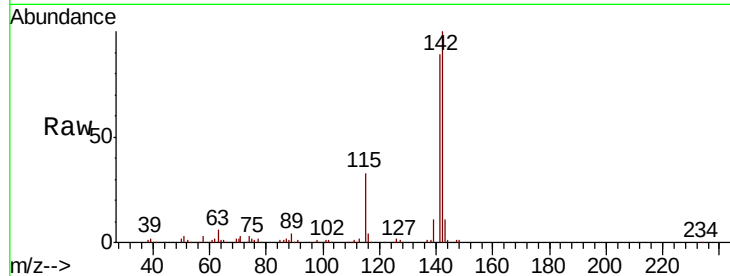
#37
 2-Methylnaphthalene
 Concen: 45.086 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	33.3	25.2	37.8

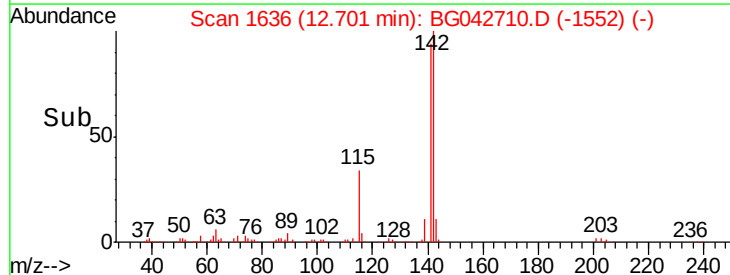
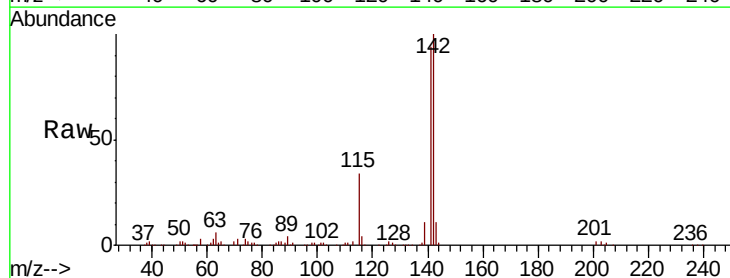
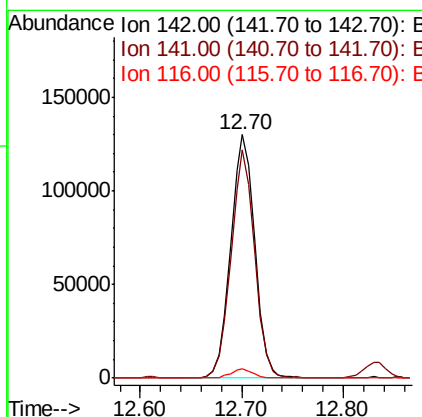
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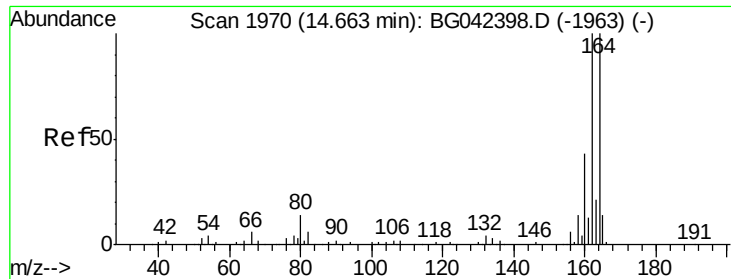
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#38
 1-Methylnaphthalene
 Concen: 44.803 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.2	114.2
116	3.6	2.8	4.2





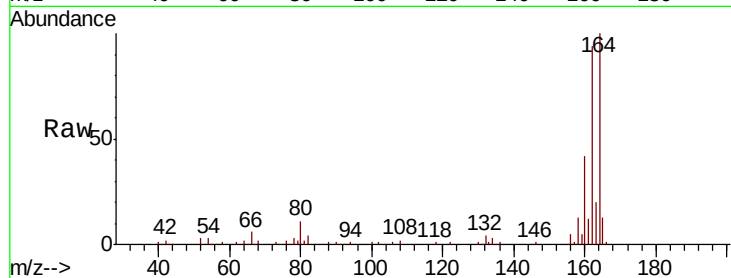
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.3	79.9	119.9
160	41.7	34.3	51.5

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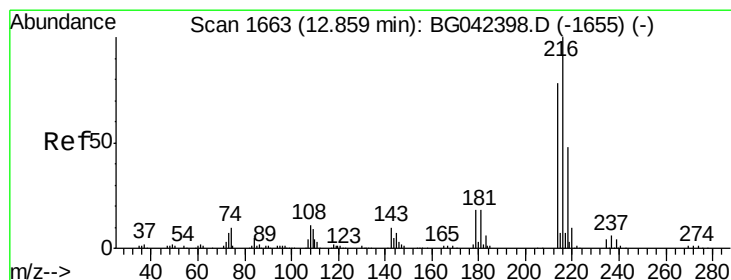
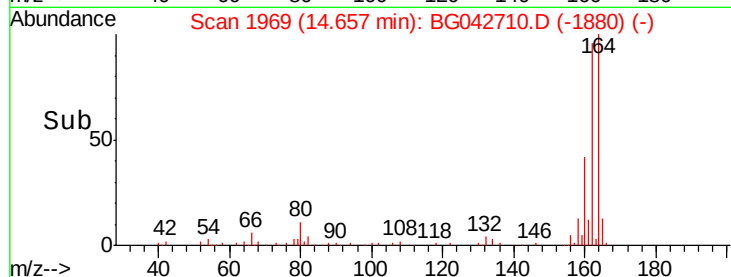
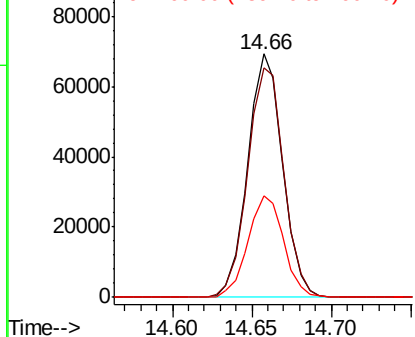


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.377 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.4	92.2
179	18.5	15.1	22.7
108	11.8	9.4	14.0

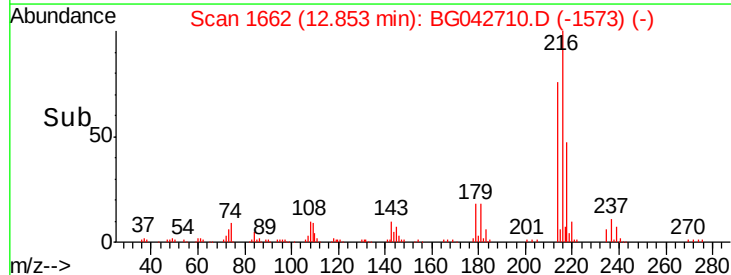
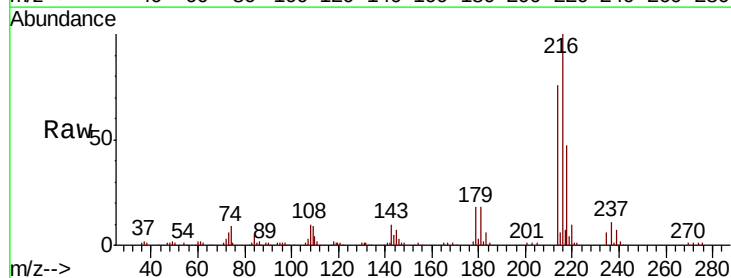
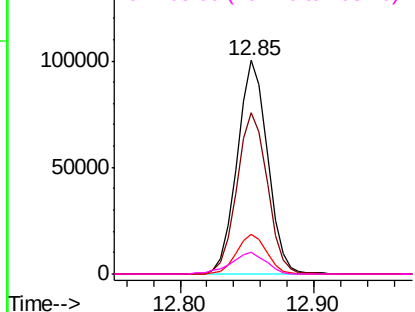
Abundance

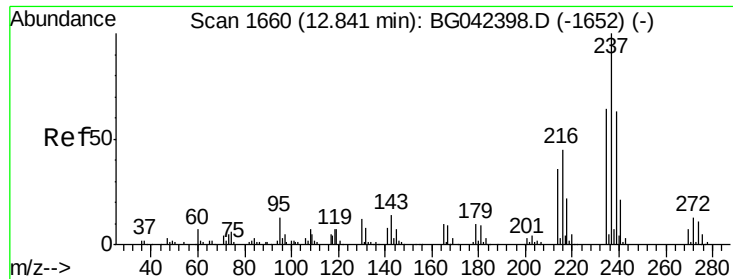
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





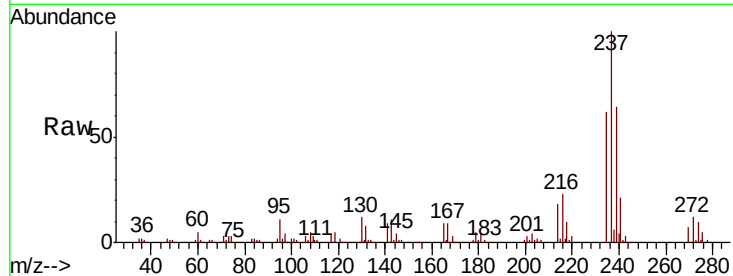
#41
Hexachlorocyclopentadiene
Concen: 84.402 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.7	43.7	83.7	
272	12.4	0.0	33.3	

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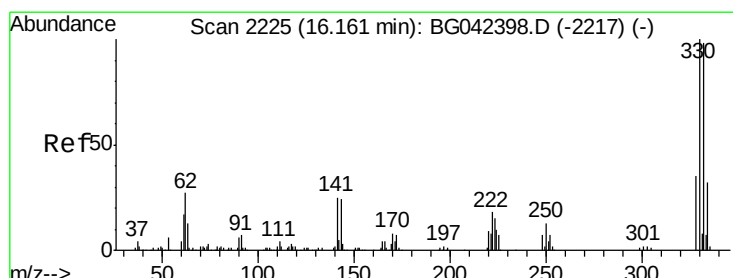
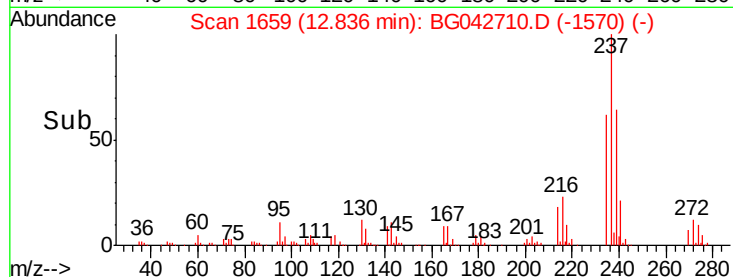
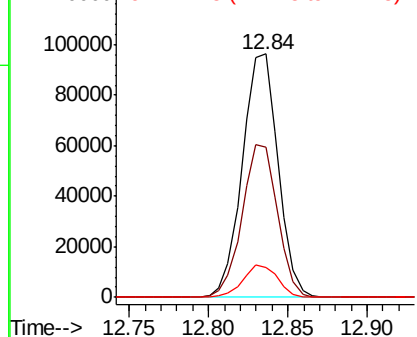


Abundance

Ion 236.80 (236.50 to 237.50): E

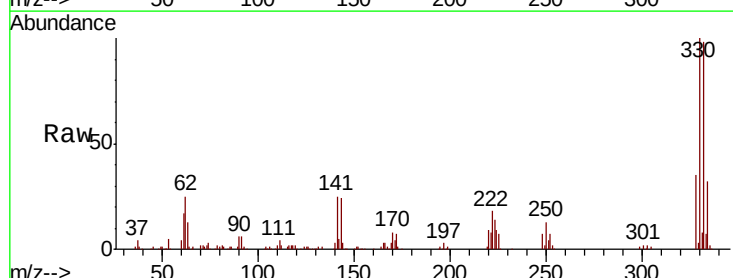
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 141.118 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.4	116.0	
141	26.3	21.4	32.0	

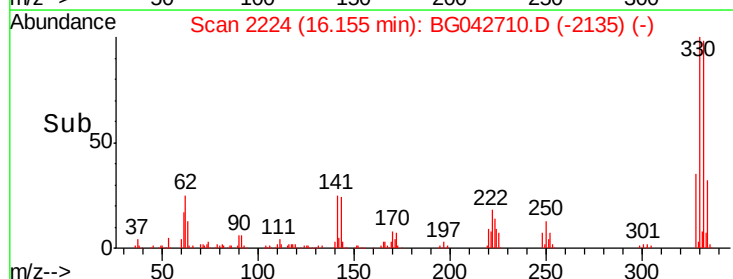
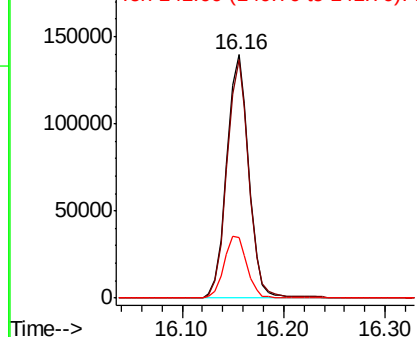


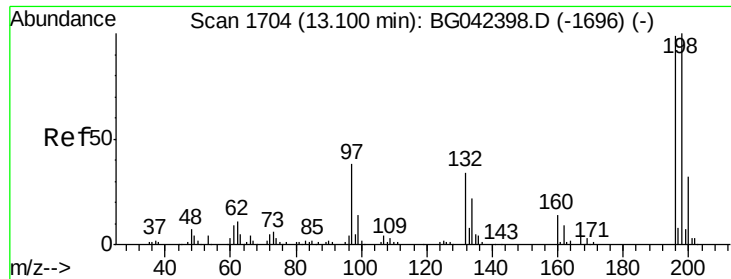
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





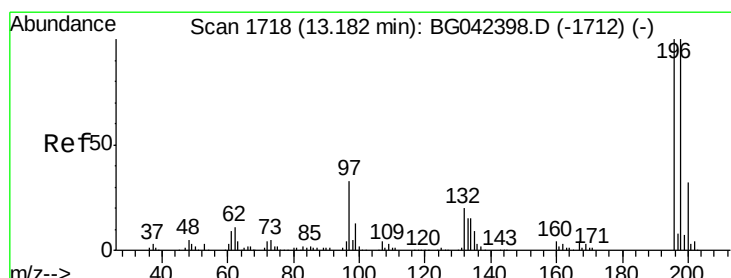
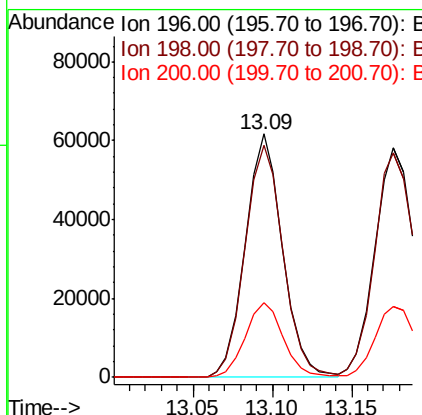
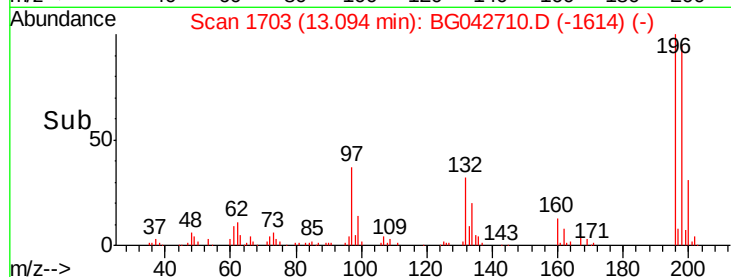
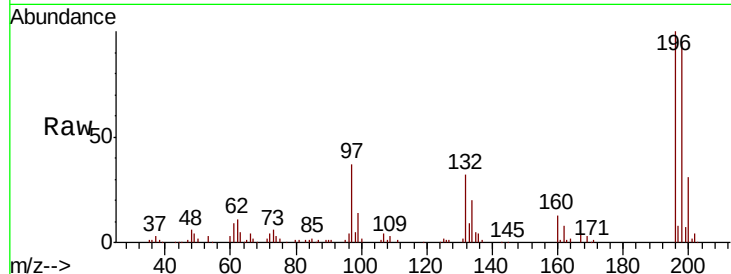
#43
 2,4,6-Trichlorophenol
 Concen: 44.011 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100869		
198	95.2	80.7	121.1	
200	30.7	25.7	38.5	

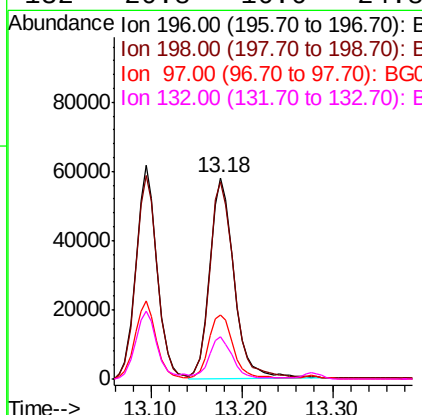
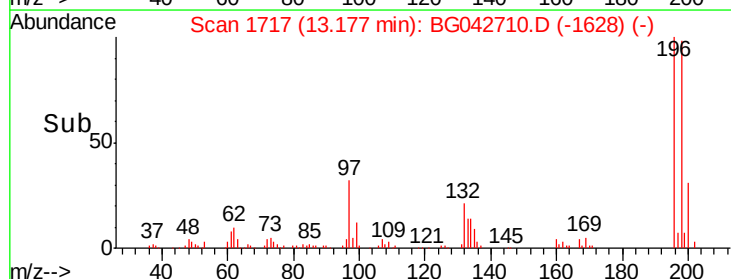
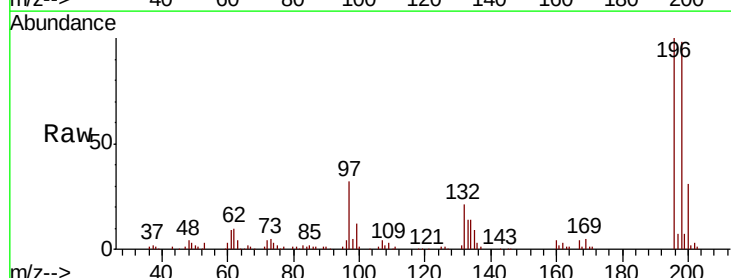
Manual Integrations
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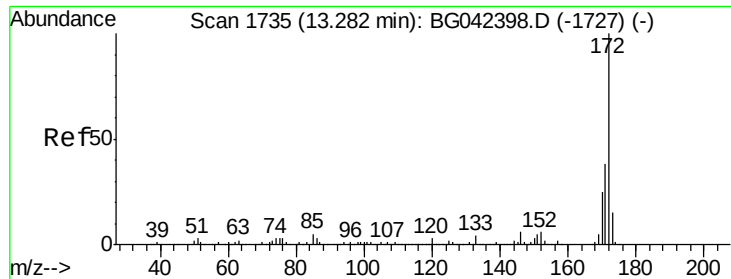
mohammad
 9/10/2019 9:50:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.382 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107786		
198	97.7	80.2	120.4	
97	31.6	26.3	39.5	
132	20.8	16.6	24.8	





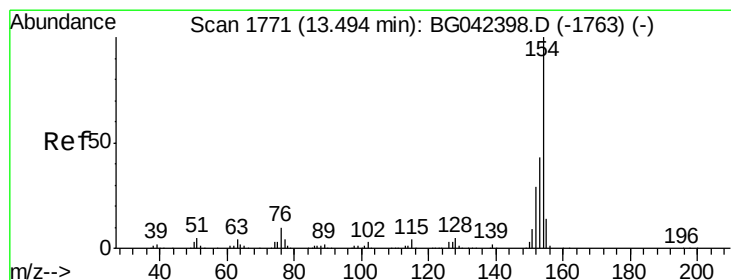
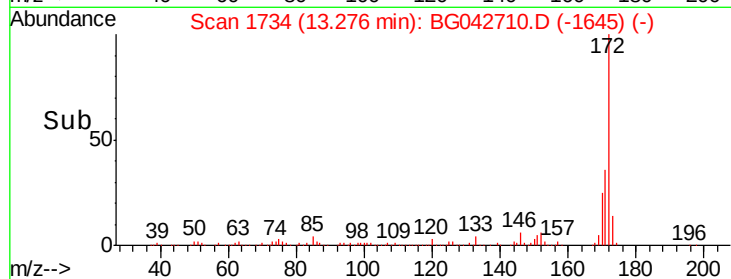
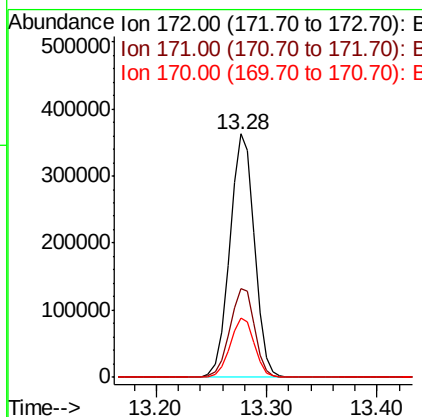
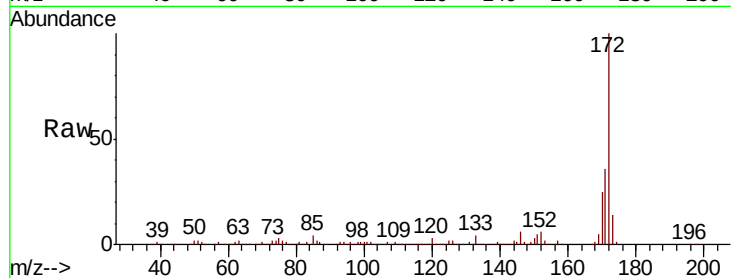
#45
2-Fluorobiphenyl
Concen: 90.634 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.5	20.2	30.2

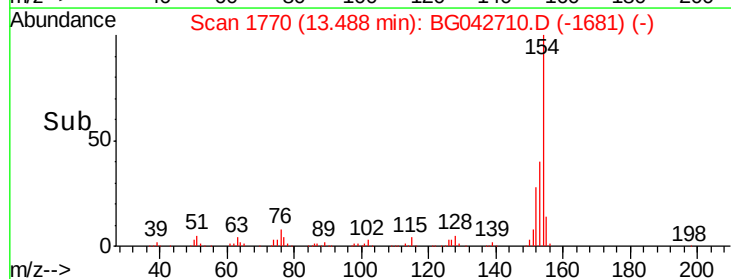
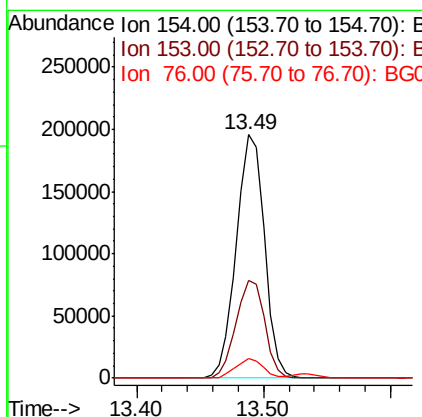
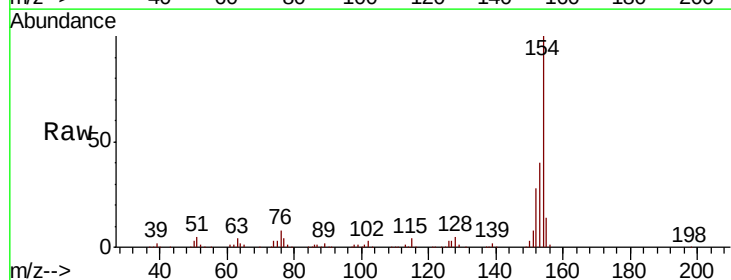
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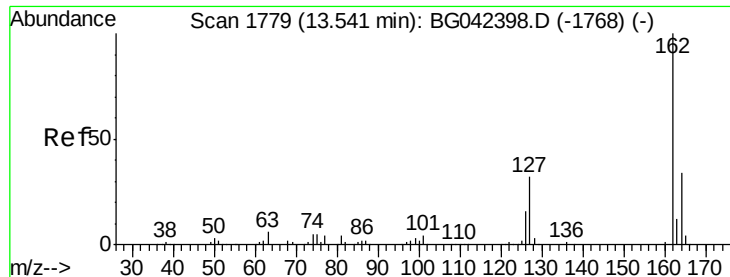
mohammad
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#46
1,1'-Biphenyl
Concen: 44.149 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.0	63.0
76	8.1	0.0	29.6





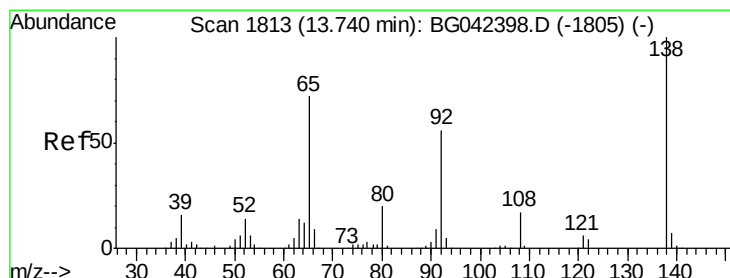
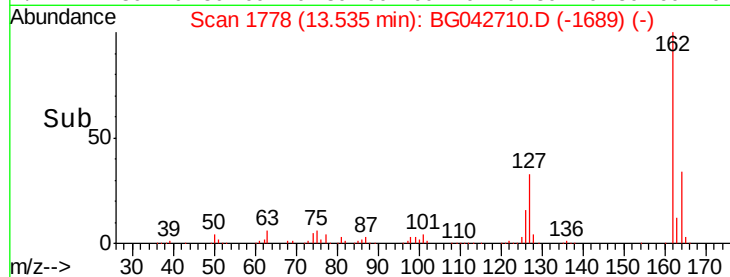
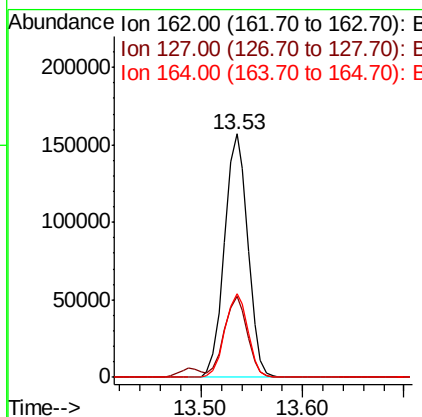
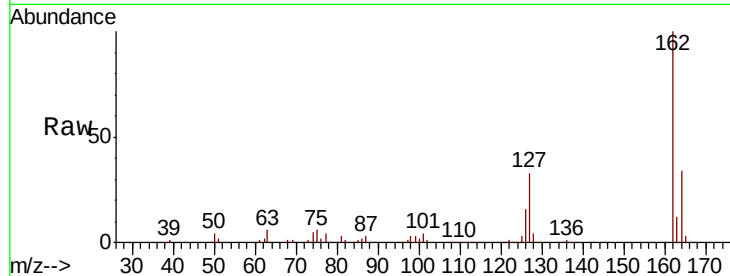
#47
 2-Chloronaphthalene
 Concen: 42.603 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.2	26.0	39.0
164	34.4	27.4	41.0

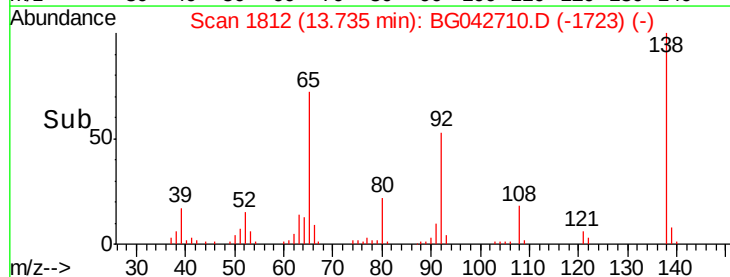
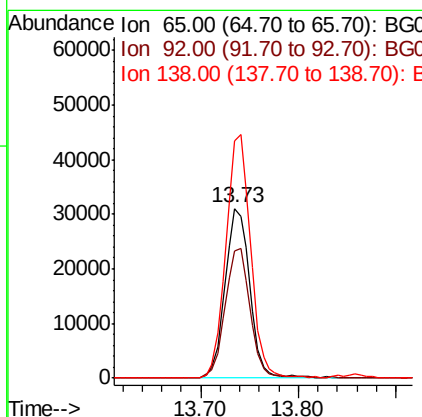
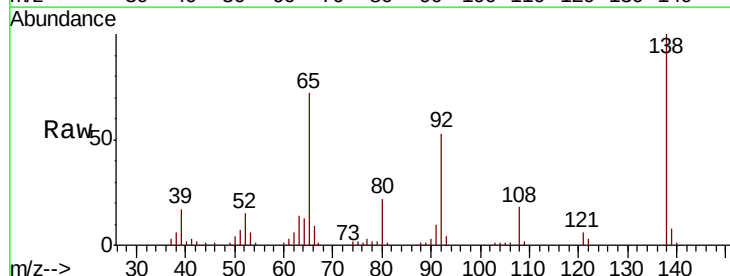
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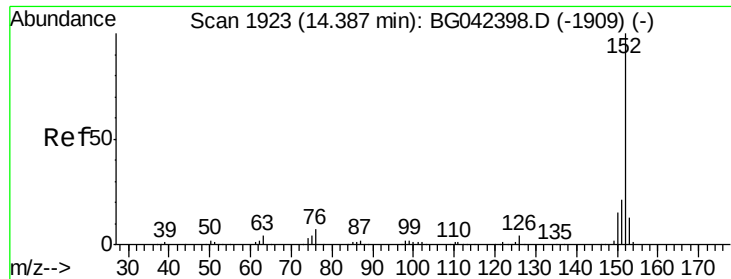
mohammad
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#48
 2-Nitroaniline
 Concen: 38.551 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	61.8	92.6
138	139.9	111.0	166.6





#49

Acenaphthylene

Concen: 44.333 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

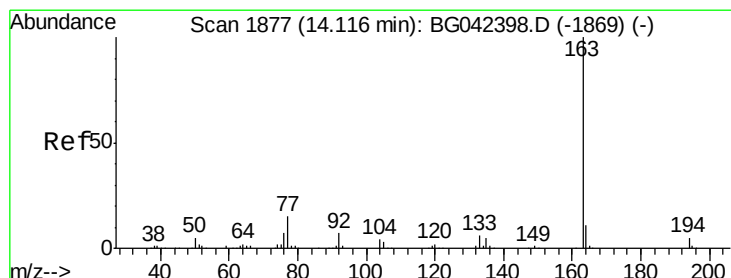
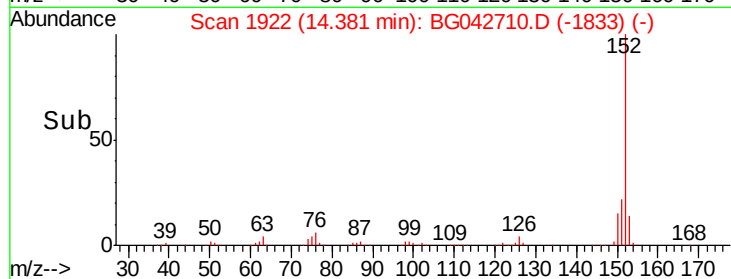
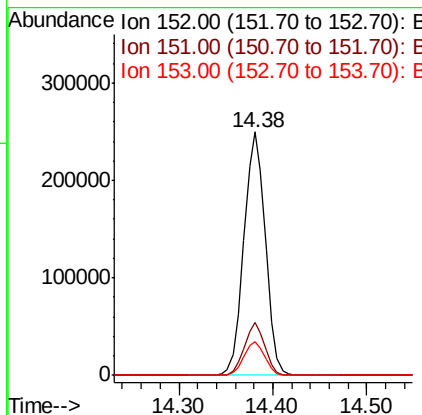
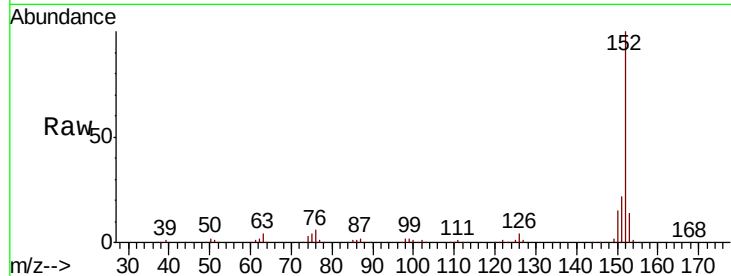
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	152	Resp:	392516
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.4
153	13.7	10.6	16.0

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#50

Dimethylphthalate

Concen: 43.159 ng

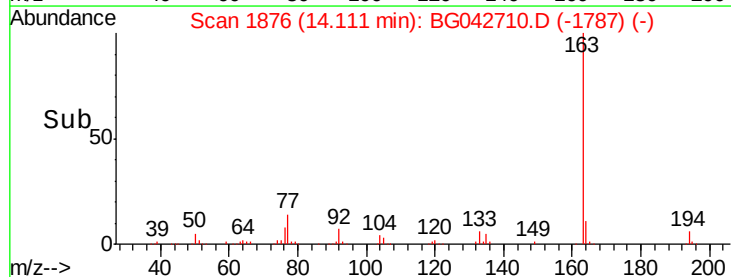
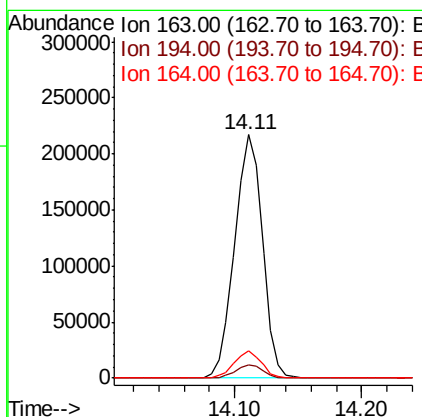
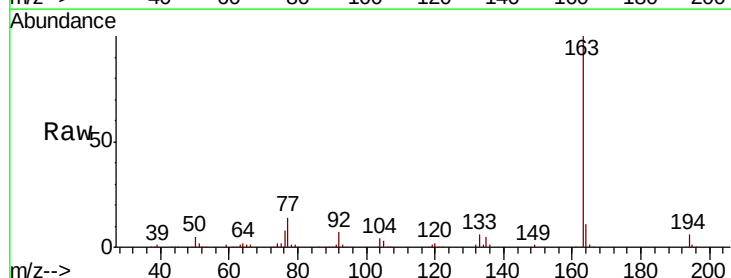
RT: 14.11 min Scan# 1876

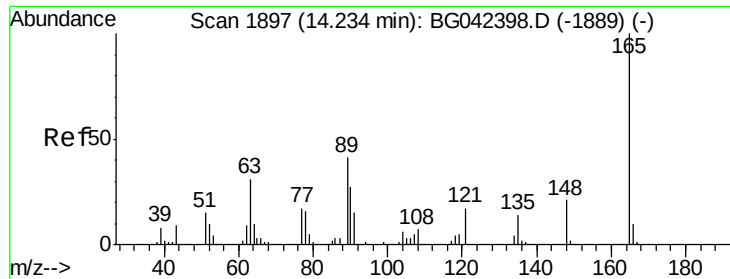
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	163	Resp:	328798
Ion Ratio	Lower	Upper	
163	100		
194	5.6	4.2	6.2
164	11.0	8.8	13.2





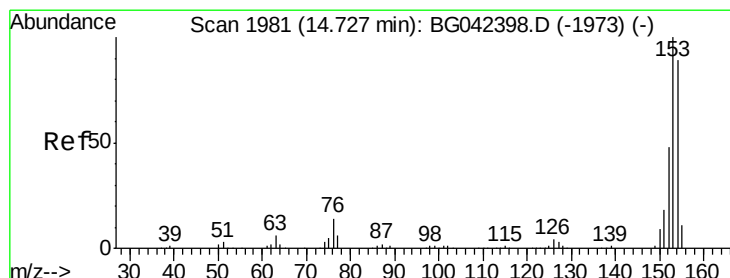
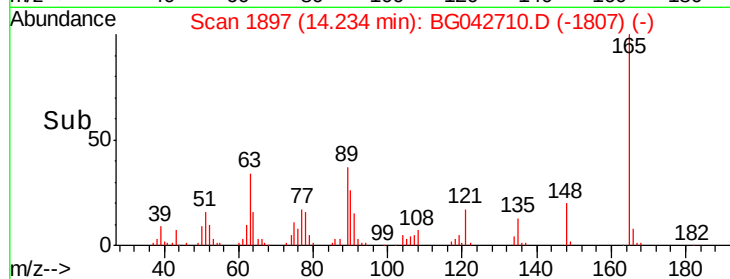
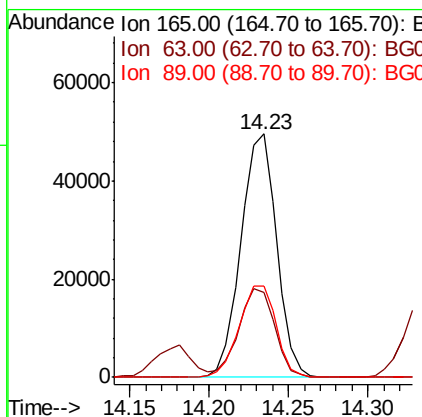
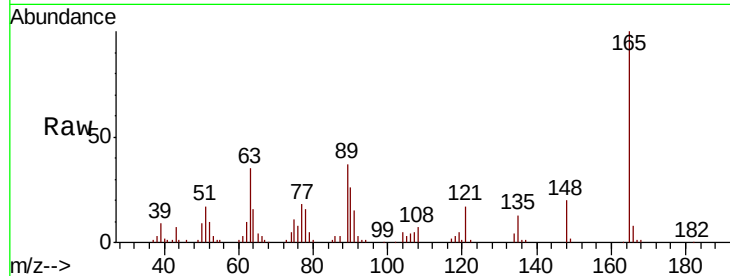
#51
 2,6-Dinitrotoluene
 Concen: 43.956 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion:	165	Resp:	77621
Ion Ratio	Lower	Upper	
165	100		
63	34.8	30.6	45.8
89	37.3	32.6	49.0

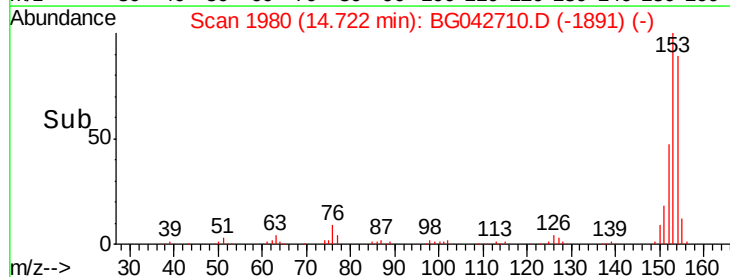
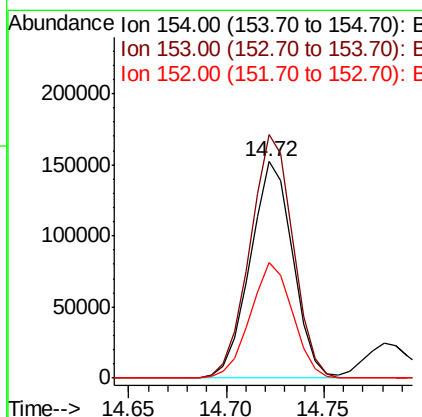
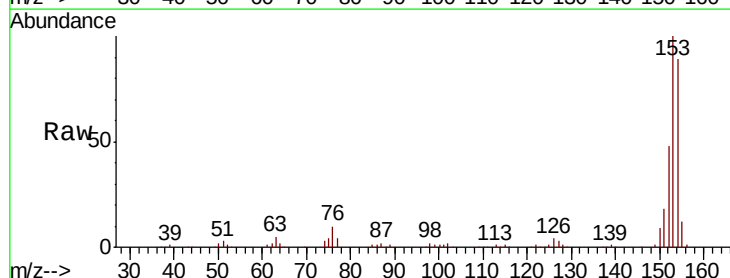
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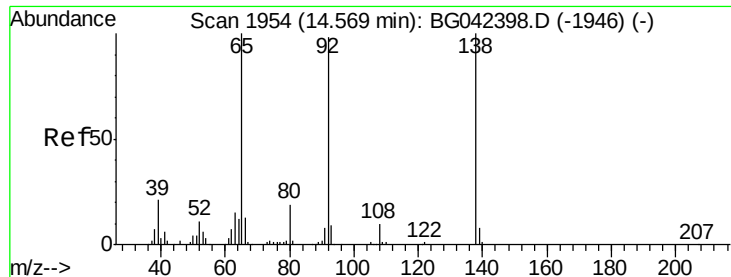
mohammad
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#52
 Acenaphthene
 Concen: 42.904 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion:	154	Resp:	230661
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.2	135.4
152	53.6	43.2	64.8





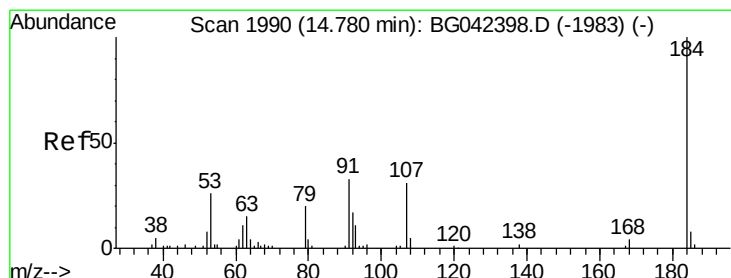
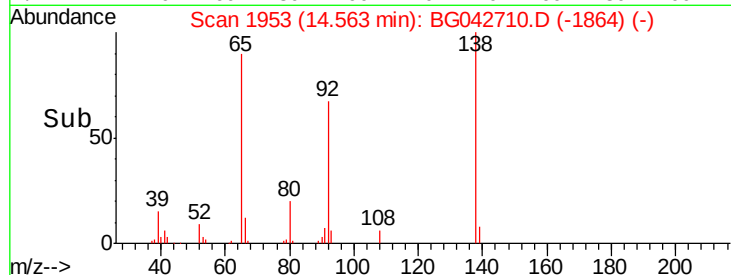
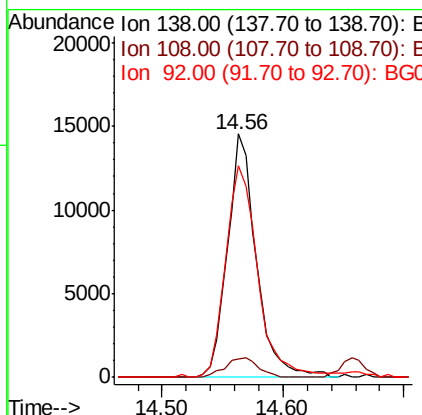
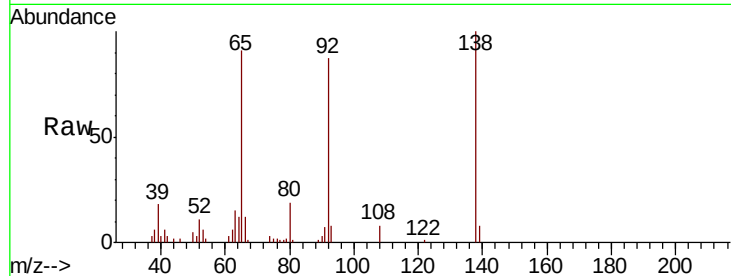
#53
 3-Nitroaniline
 Concen: 13.670 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.5	8.3	12.5#
92	86.7	78.2	117.4

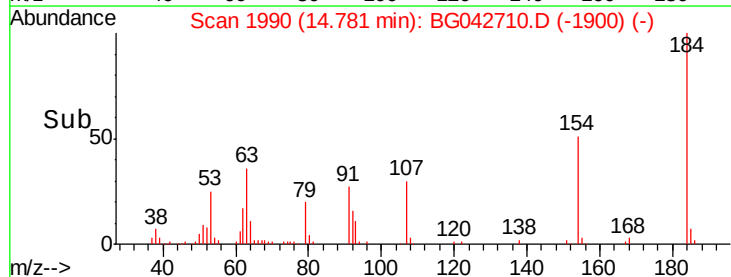
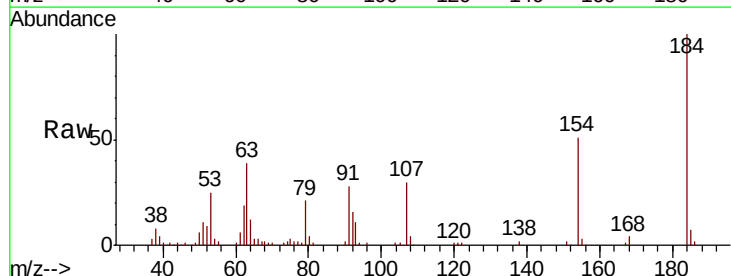
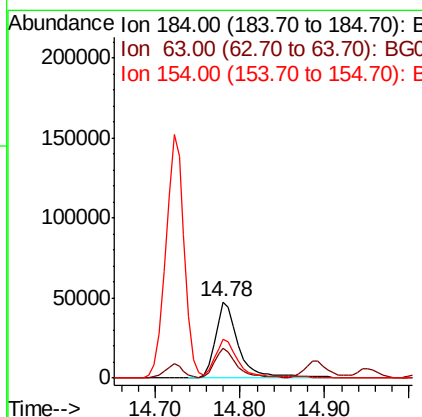
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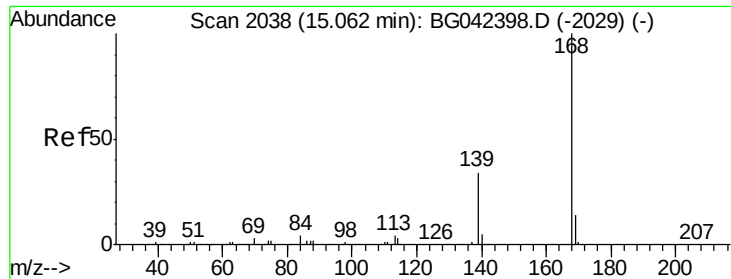
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 78.097 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.5	31.7	47.5
154	51.0	42.0	63.0





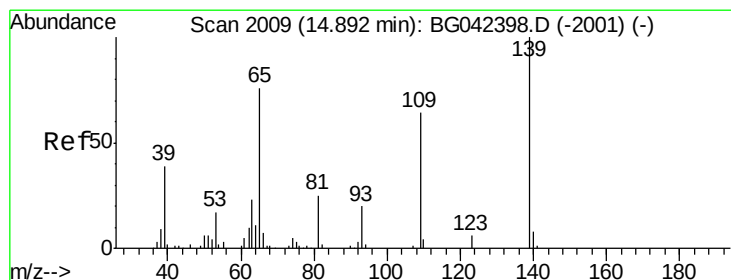
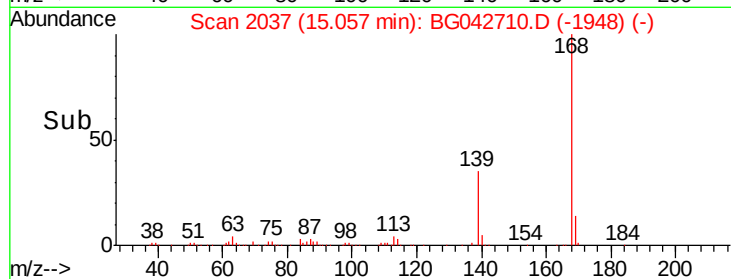
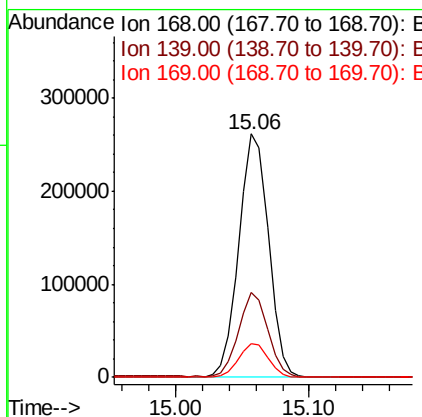
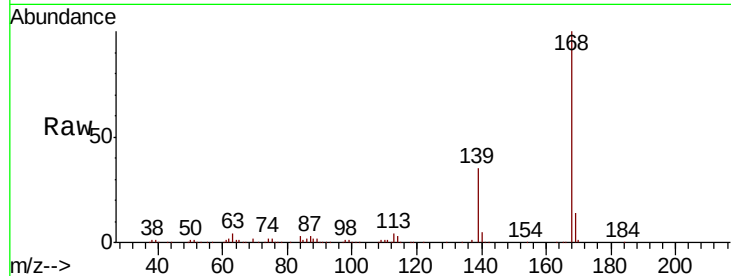
#55
Dibenzofuran
Concen: 45.199 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.2	40.8
169	14.0	11.5	17.3

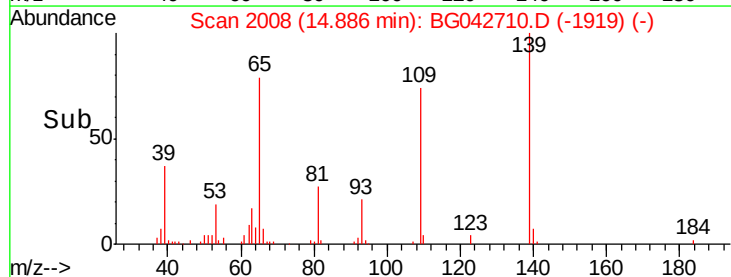
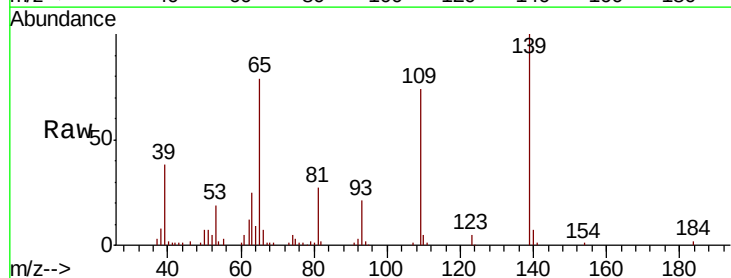
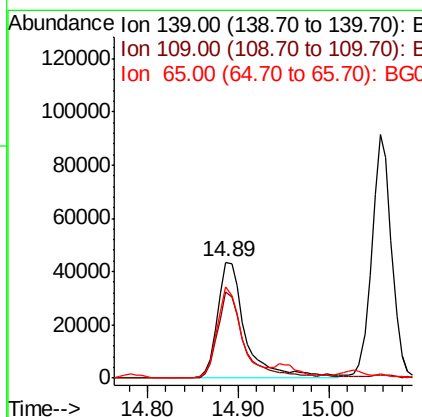
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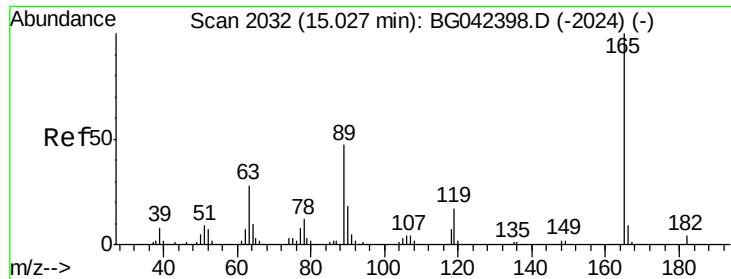
mohammad
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#56
4-Nitrophenol
Concen: 74.402 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	43.9	83.9
65	79.2	56.3	96.3





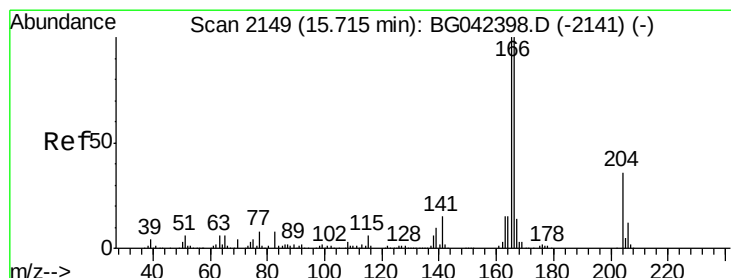
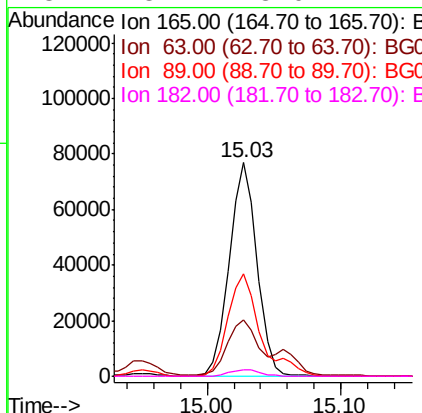
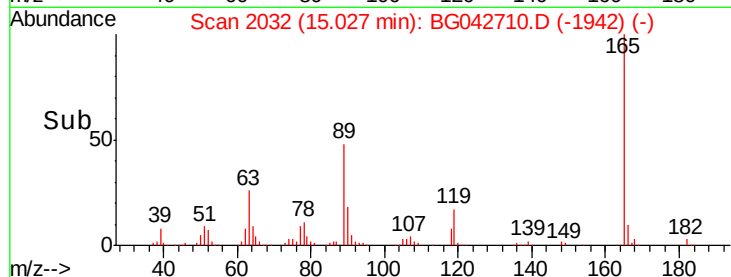
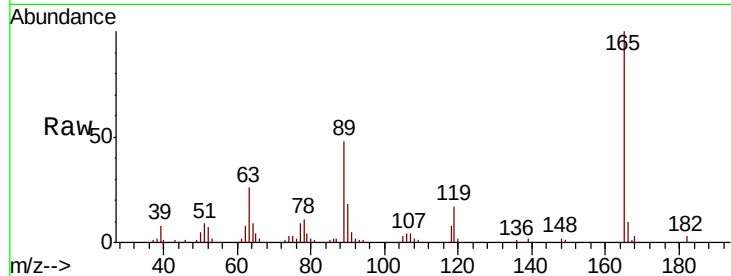
#57
2,4-Dinitrotoluene
Concen: 44.066 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	26.4	22.5	33.7		
89	47.7	37.8	56.6		
182	3.2	3.0	4.4		

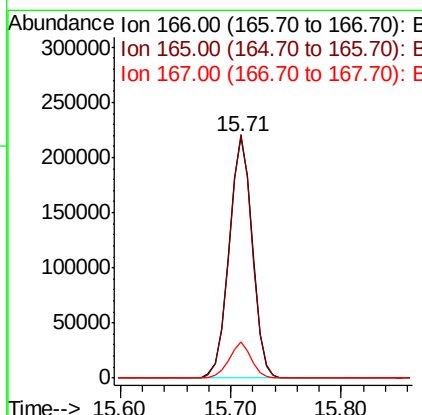
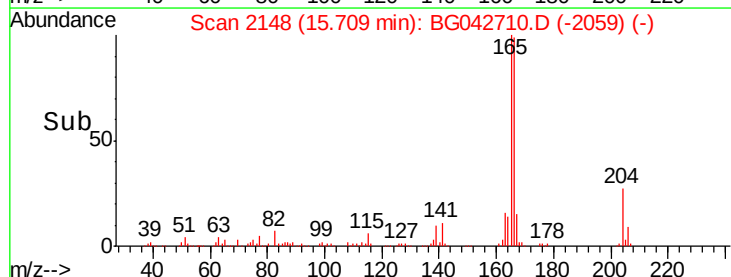
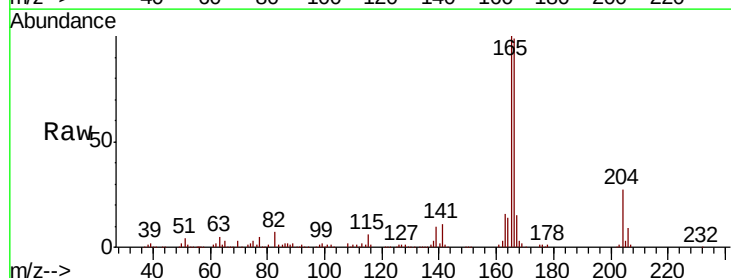
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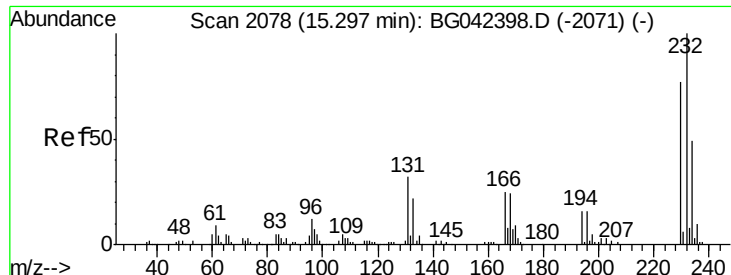
mohammad
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#58
Fluorene
Concen: 44.481 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.8	79.7	119.5		
167	14.9	10.9	16.3		





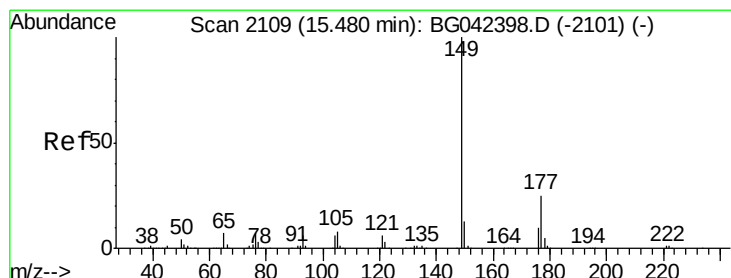
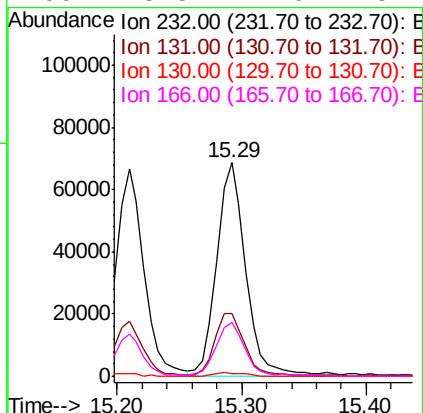
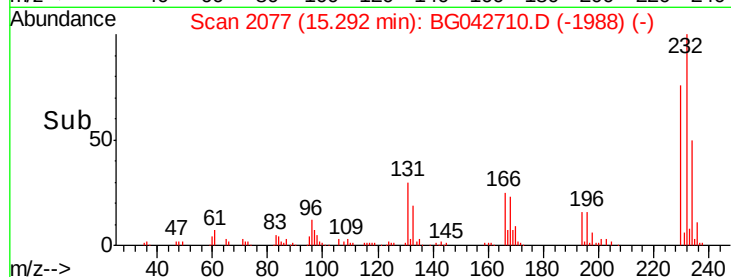
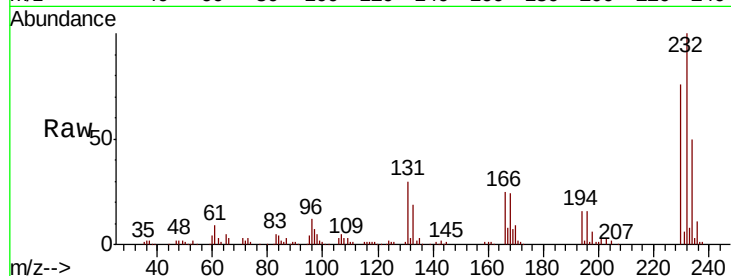
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.842 ng m
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	112368		
131	25.1	22.9	34.3	
130	1.4	1.4	2.0	
166	18.5	17.0	25.4	

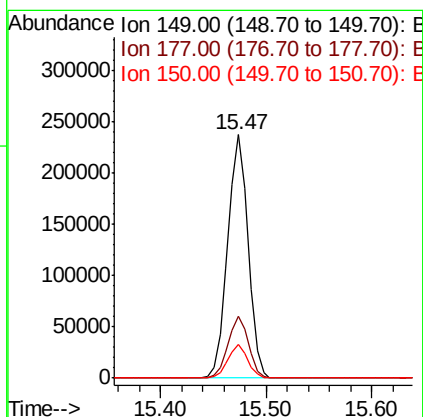
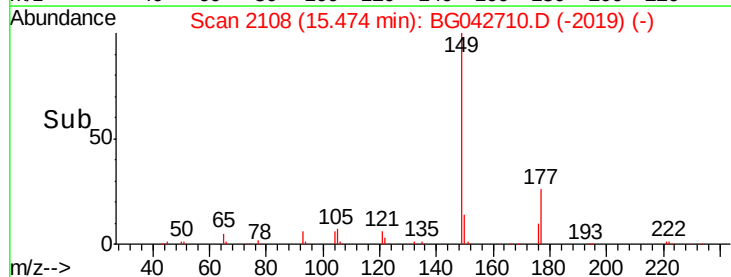
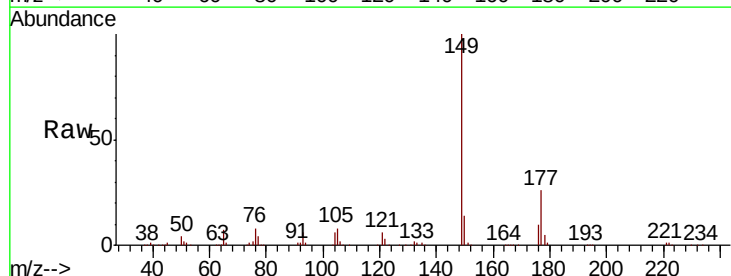
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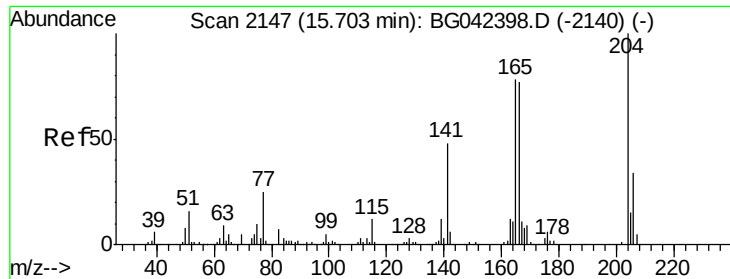
mohammad
 9/10/2019 9:50:32 AM



#60
 Diethylphthalate
 Concen: 42.380 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	315619		
177	25.5	20.4	30.6	
150	13.7	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 44.886 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

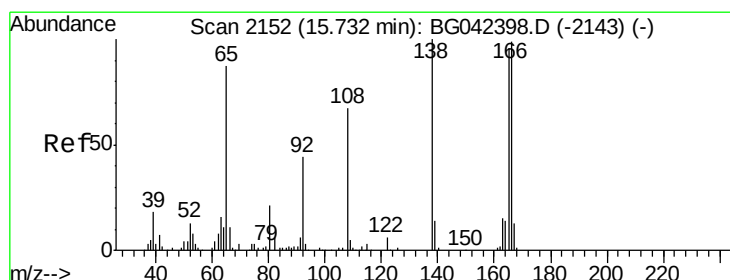
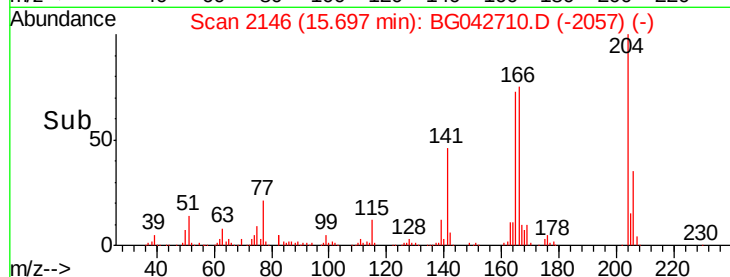
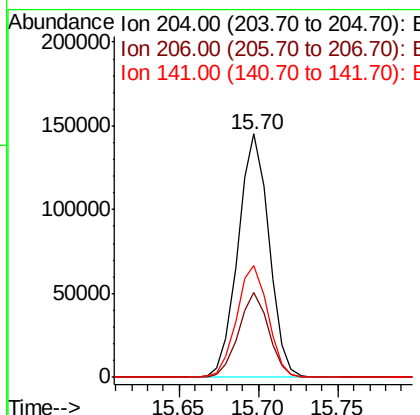
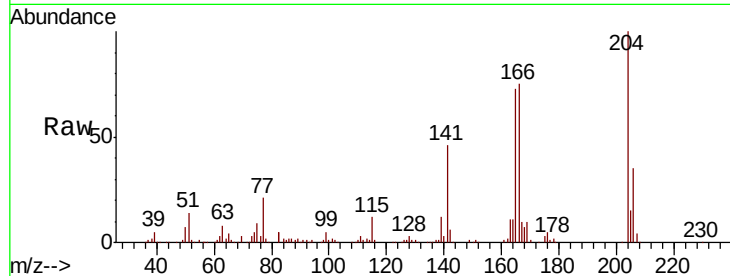
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	204	Resp:	196834
Ion Ratio	Lower	Upper	
204	100		
206	34.7	27.2	40.8
141	45.9	38.7	58.1

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#62

4-Nitroaniline

Concen: 39.947 ng

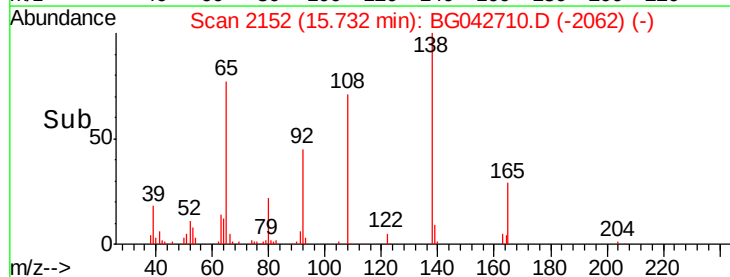
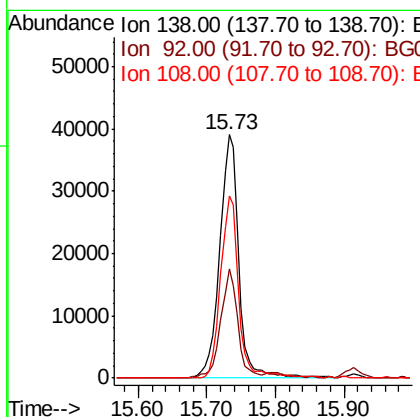
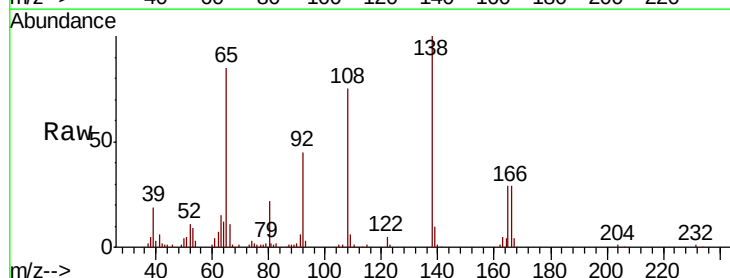
RT: 15.73 min Scan# 2152

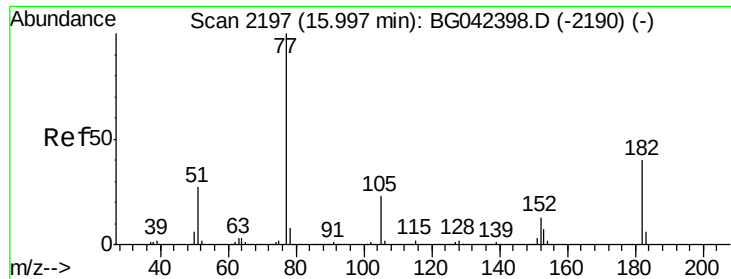
Delta R.T. 0.00 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	138	Resp:	75504
Ion Ratio	Lower	Upper	
138	100		
92	44.9	24.2	64.2
108	74.7	46.8	86.8





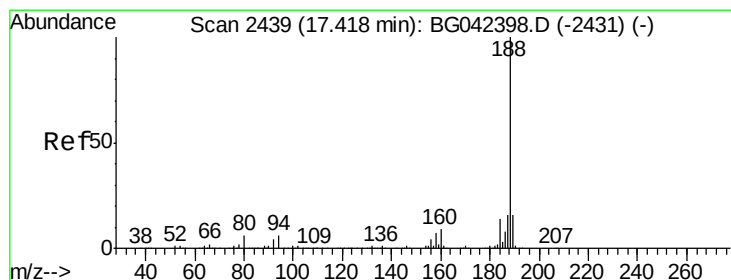
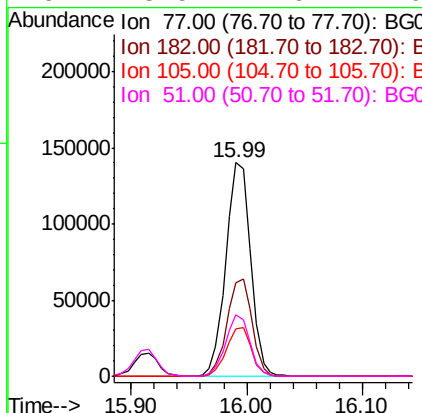
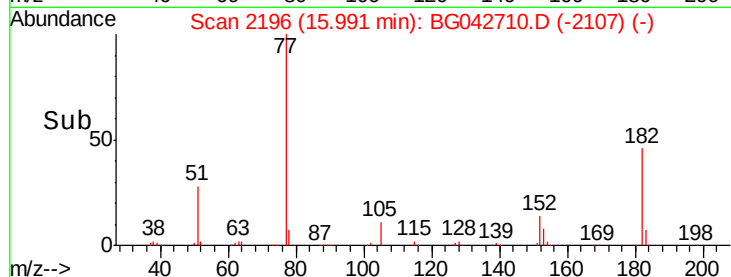
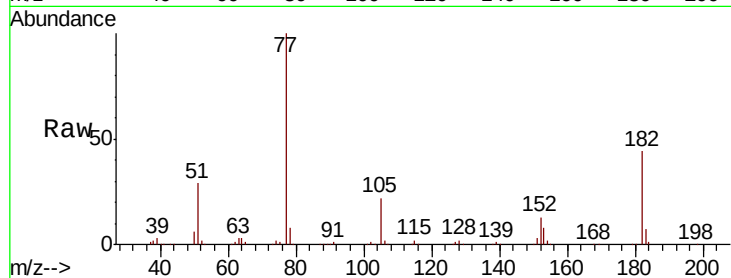
#63
Azobenzene
Concen: 40.909 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.0	19.9	59.9	
105	22.2	2.9	42.9	
51	28.5	7.6	47.6	

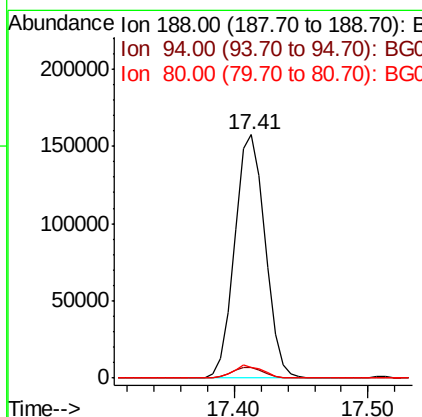
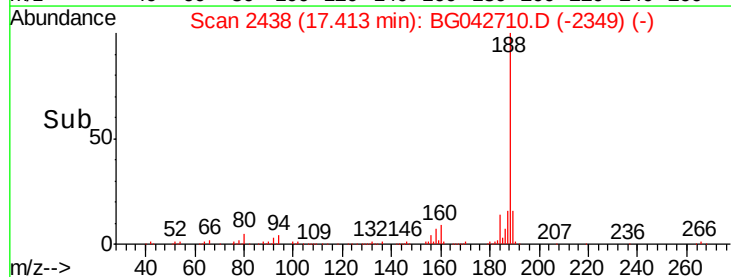
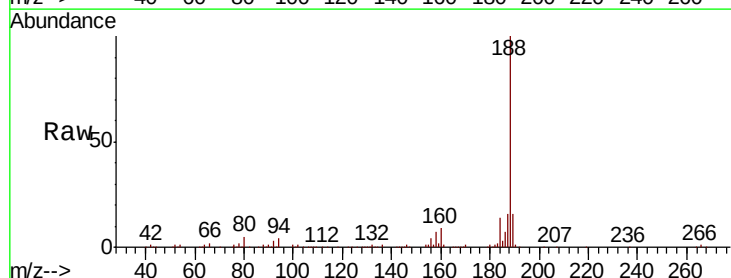
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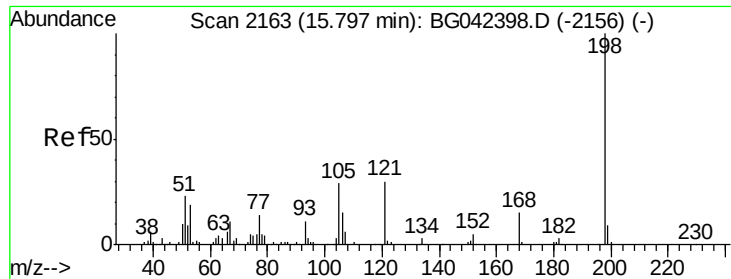
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.4	4.5	6.7#	
80	4.6	4.9	7.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.485 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:198 Resp: 72632

Ion Ratio Lower Upper

198 100

51 23.1 4.2 44.2

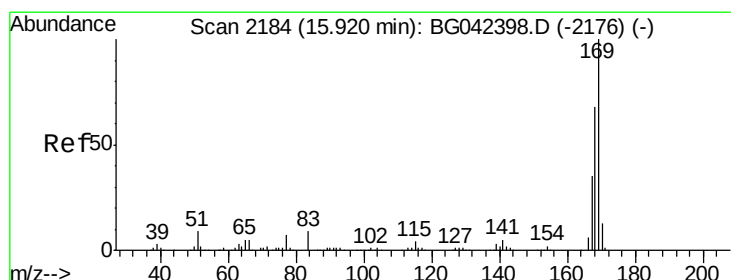
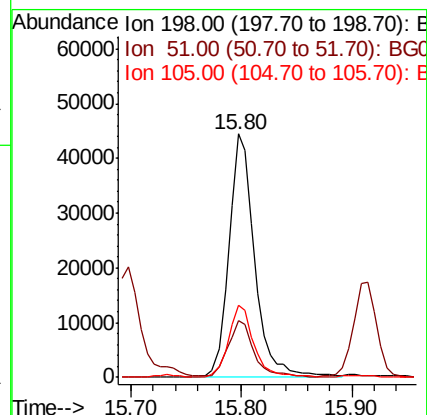
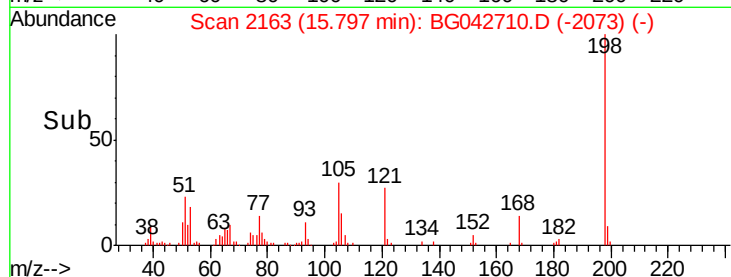
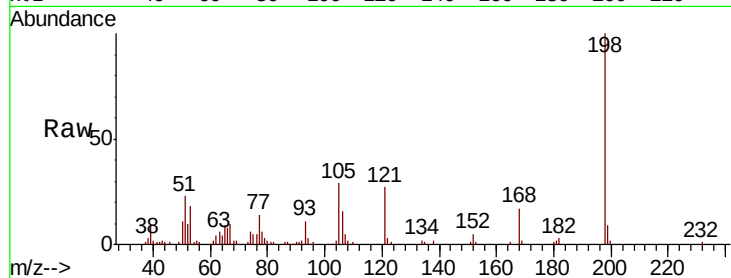
105 29.4 8.8 48.8

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#66

n-Nitrosodiphenylamine

Concen: 44.247 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

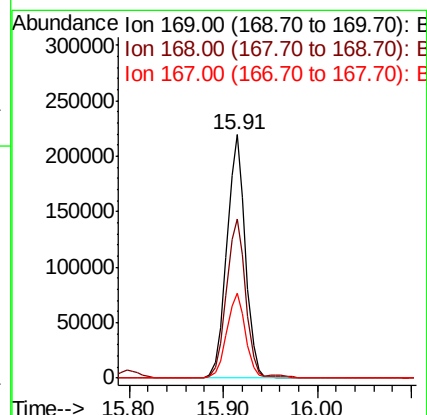
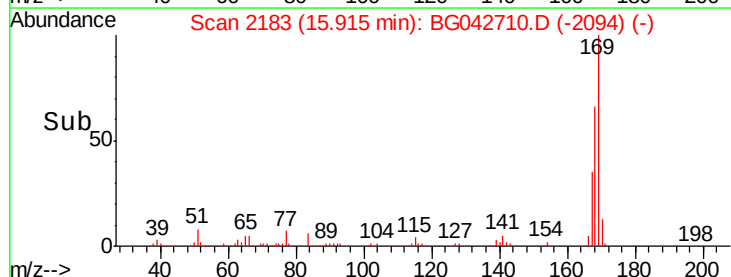
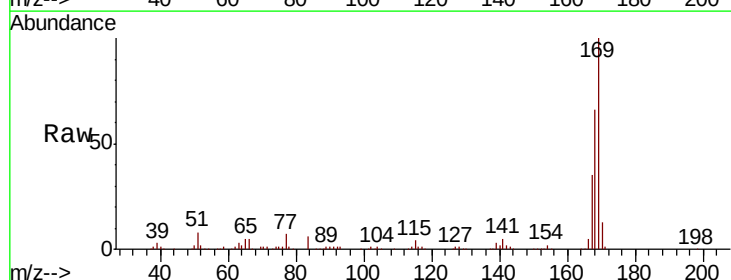
Tgt Ion:169 Resp: 303258

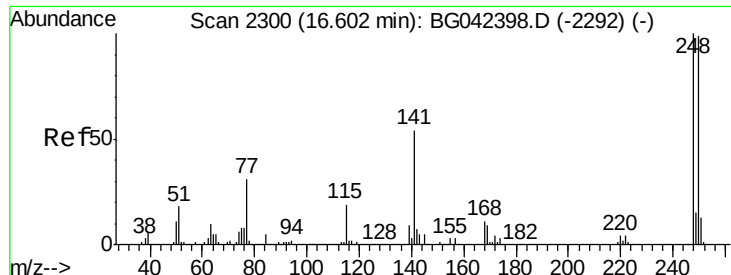
Ion Ratio Lower Upper

169 100

168 65.6 54.3 81.5

167 35.1 28.2 42.2





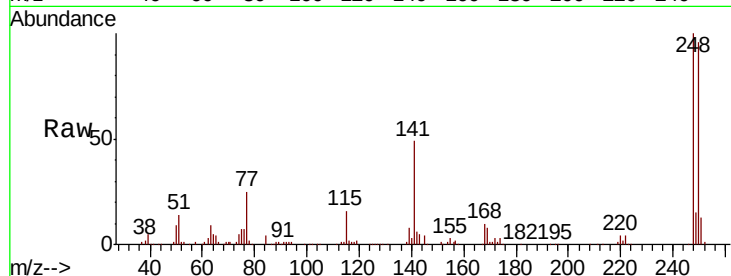
#67
 4-Bromophenyl-phenylether
 Concen: 44.102 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.9	118.3
141	48.5	43.3	64.9

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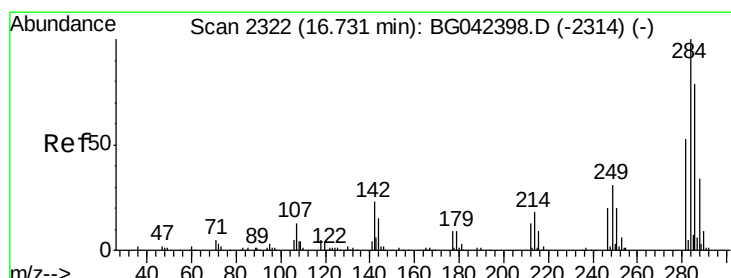
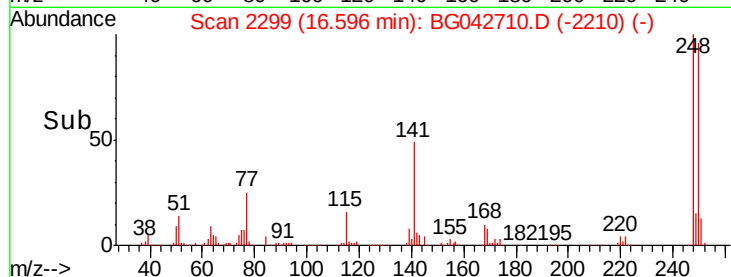
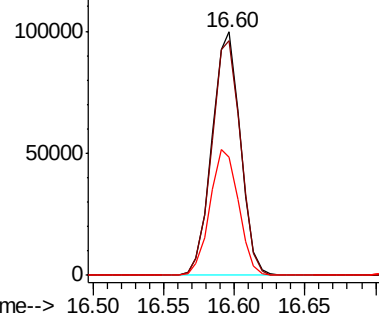


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.738 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

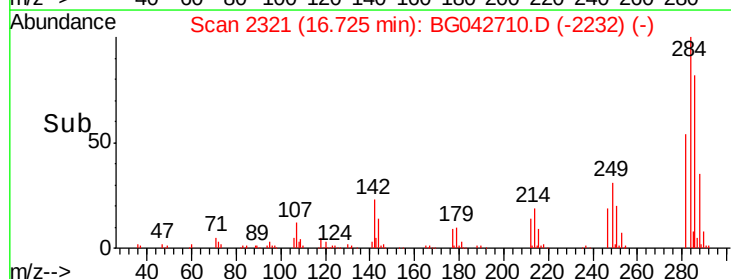
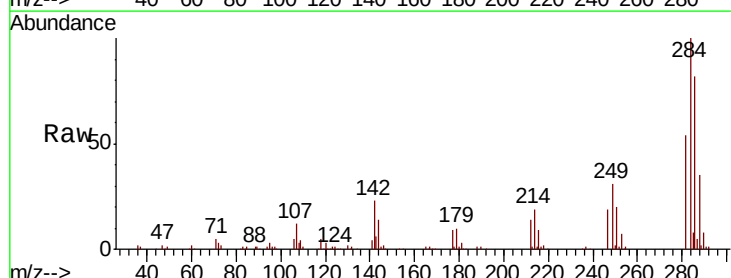
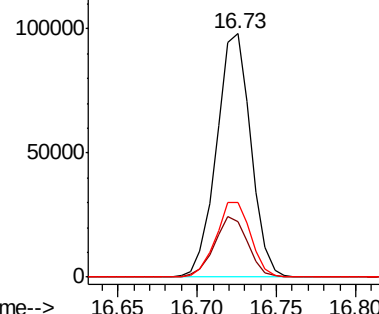
Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.0	18.2	27.4
249	30.7	25.0	37.4

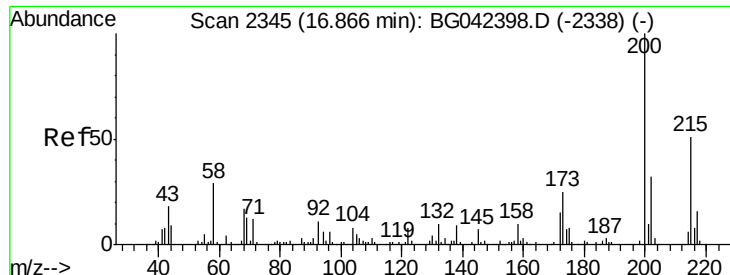
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





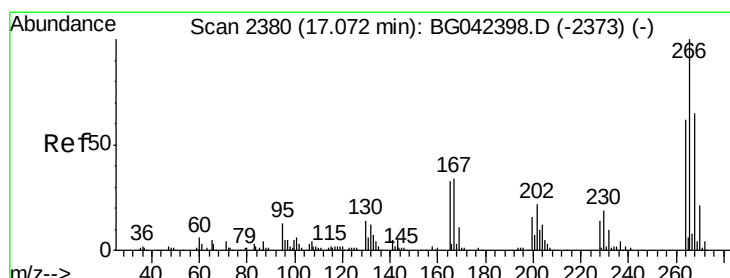
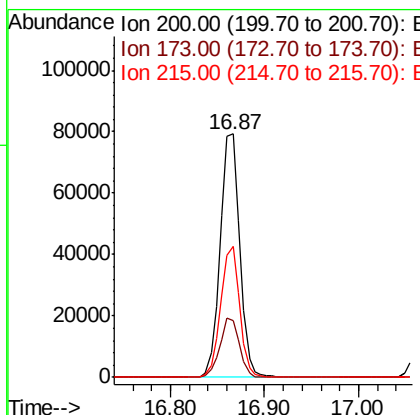
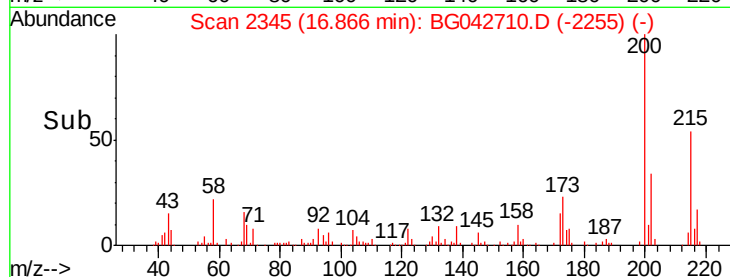
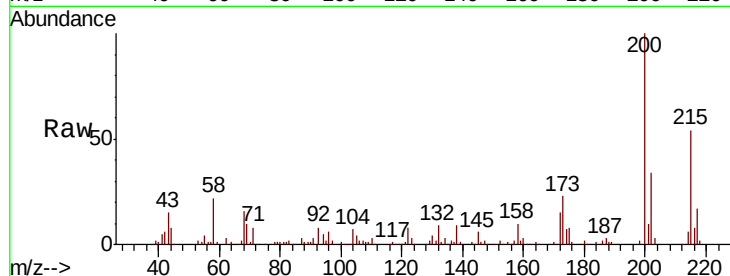
#69
 Atrazine
 Concen: 47.668 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	115532		
173	23.2	4.9	44.9	
215	53.6	30.7	70.7	

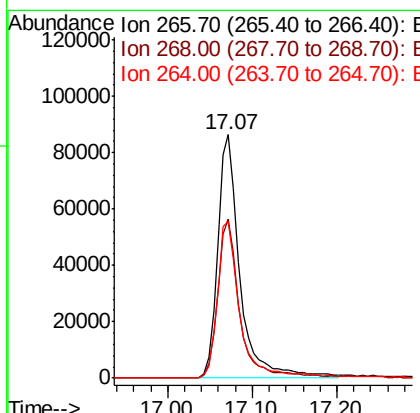
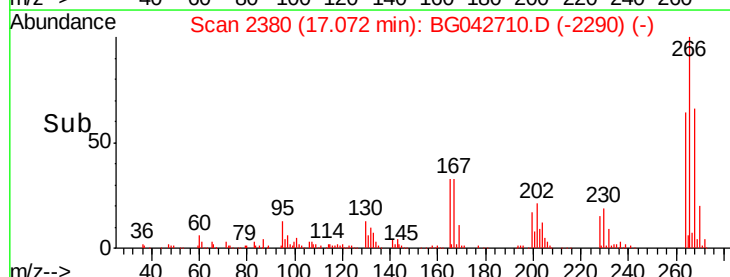
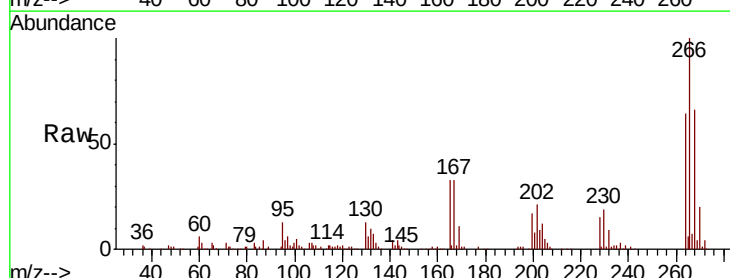
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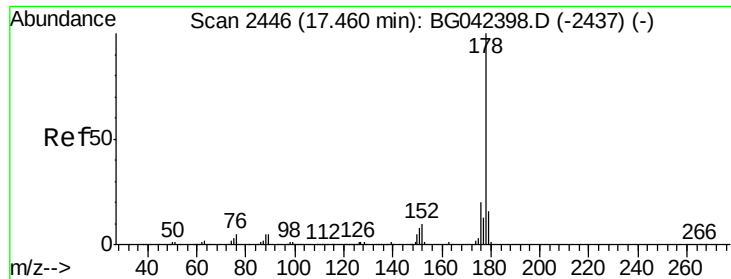
mohammad
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#70
 Pentachlorophenol
 Concen: 89.358 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159549		
268	65.6	52.1	78.1	
264	64.2	49.4	74.2	





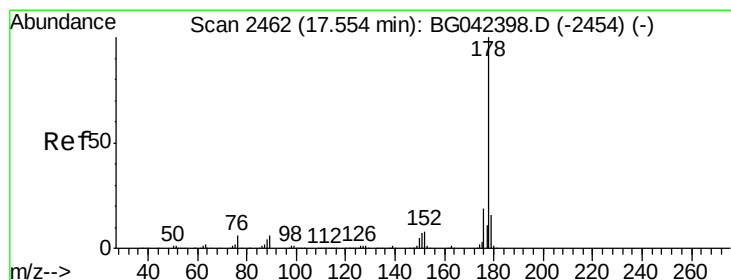
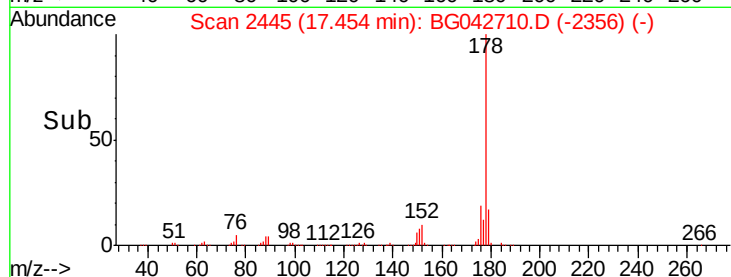
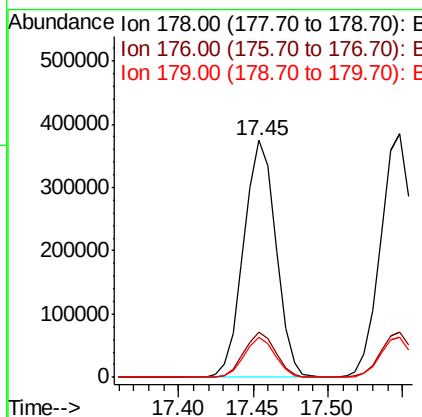
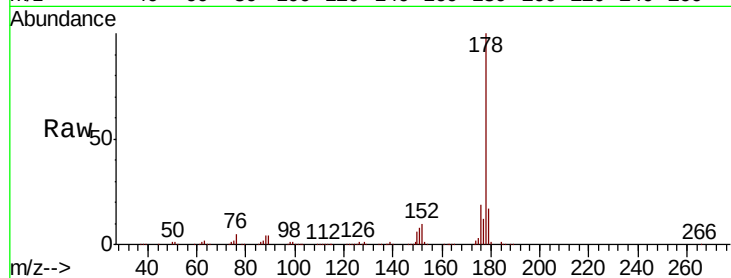
#71
Phenanthrene
Concen: 45.239 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.7	12.7	19.1

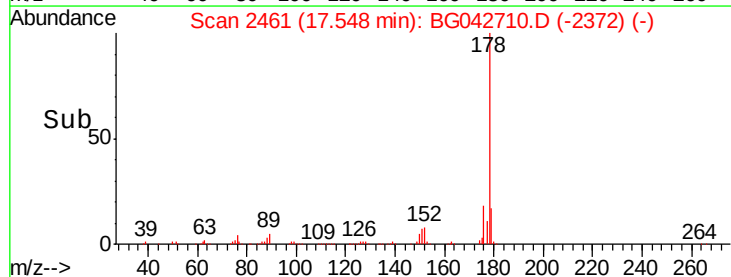
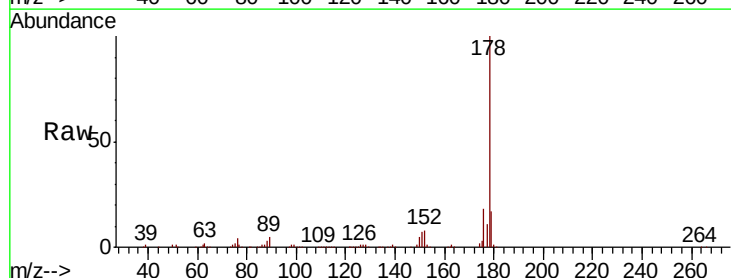
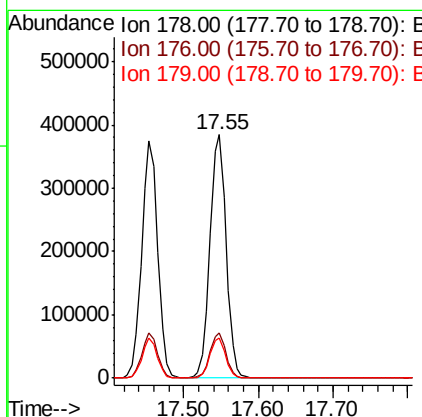
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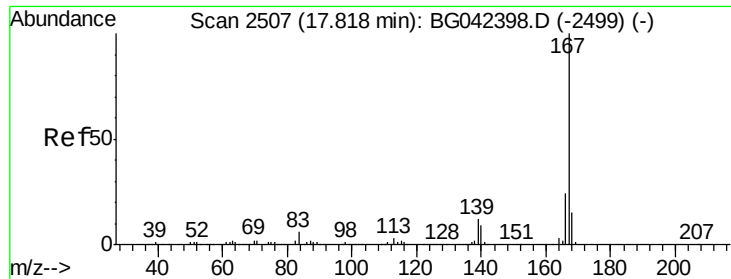
mohammad
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#72
Anthracene
Concen: 46.517 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.6	12.9	19.3





#73

Carbazole

Concen: 44.979 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

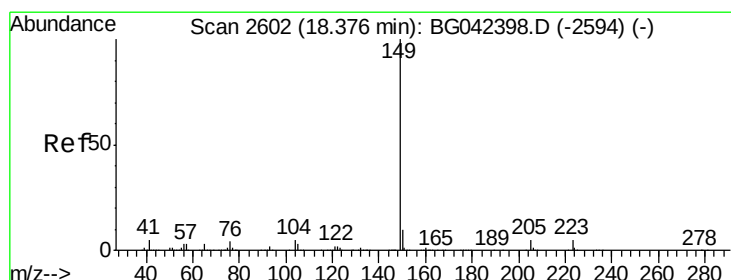
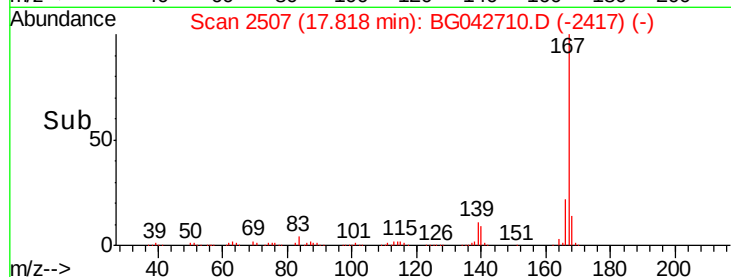
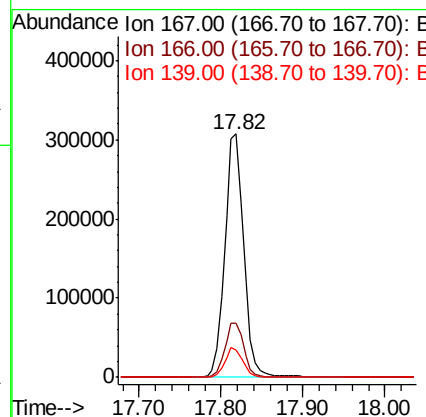
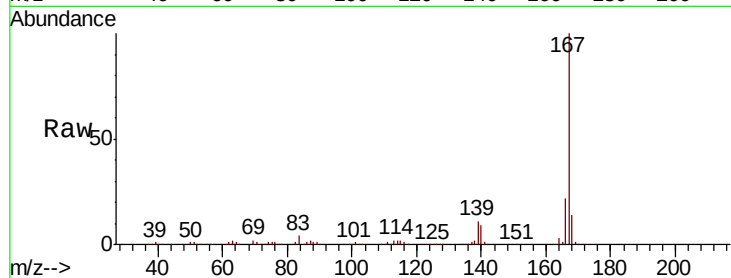
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	167	Resp:	495397
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.9	28.3
139	11.3	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 42.801 ng

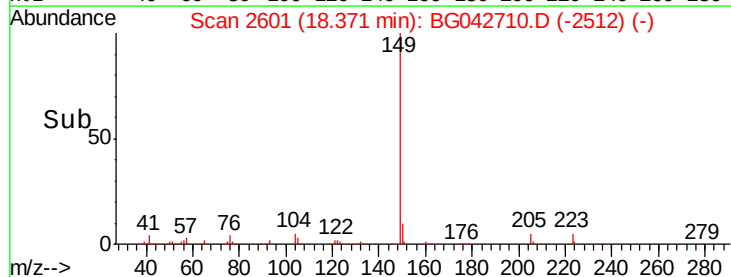
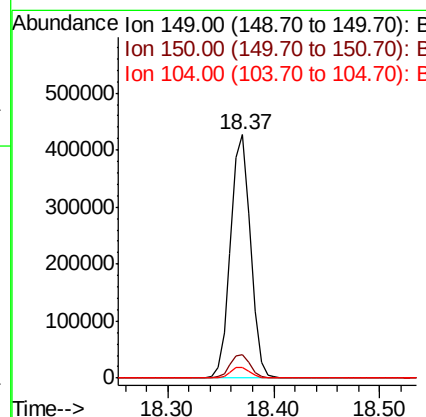
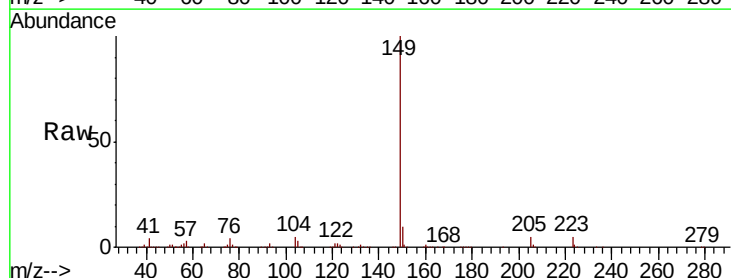
RT: 18.37 min Scan# 2601

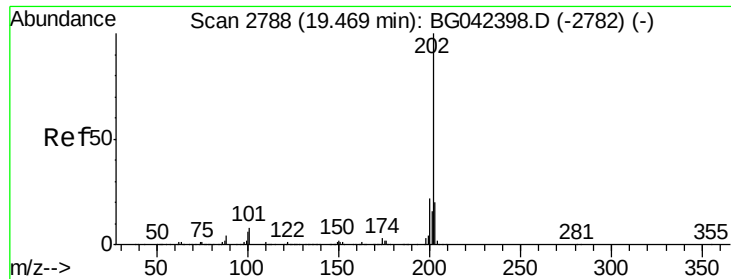
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	149	Resp:	557250
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 47.580 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

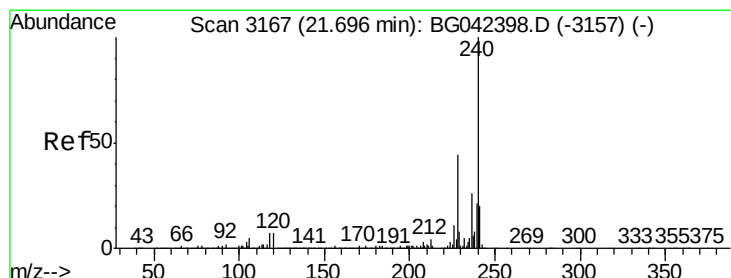
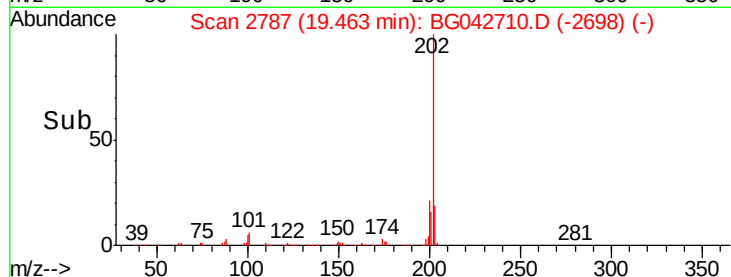
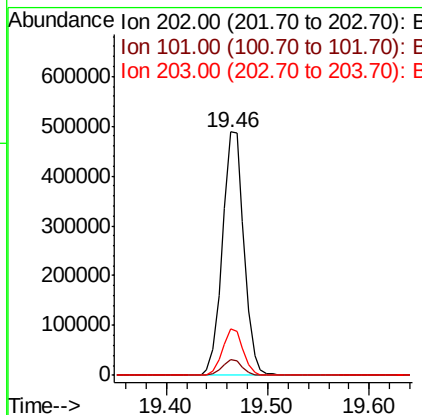
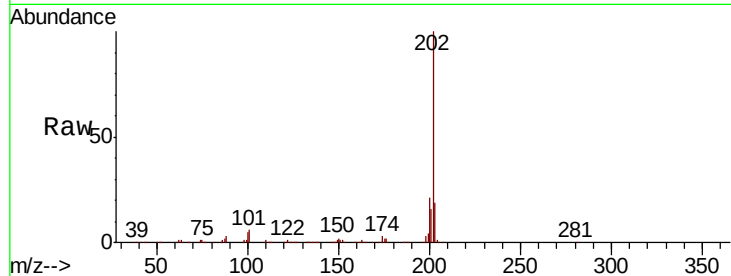
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		718826		
101	6.3	0.0	28.3		
203	18.9	0.0	39.6		

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#76

Chrysene-d12

Concen: 20.000 ng

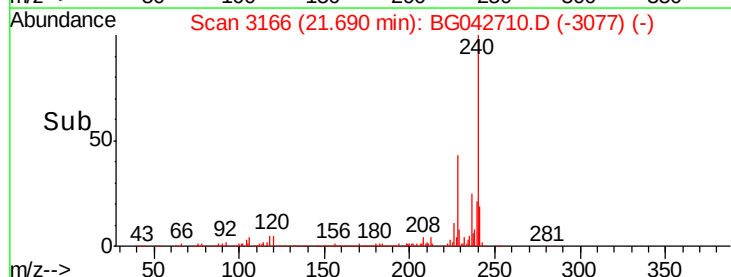
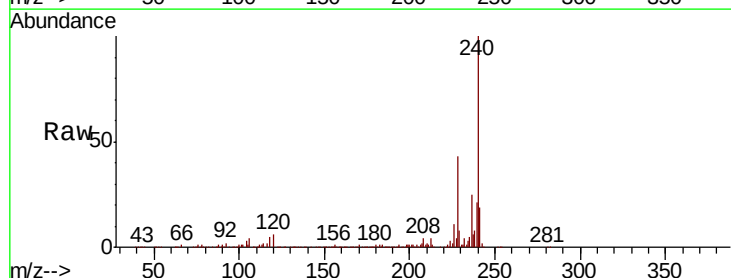
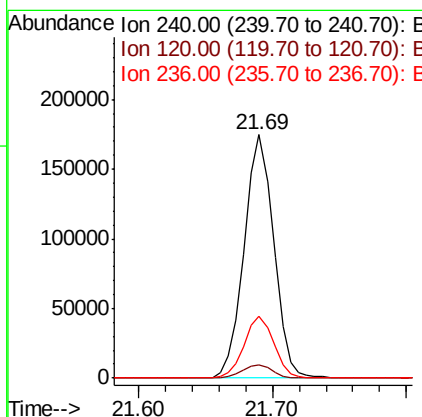
RT: 21.69 min Scan# 3166

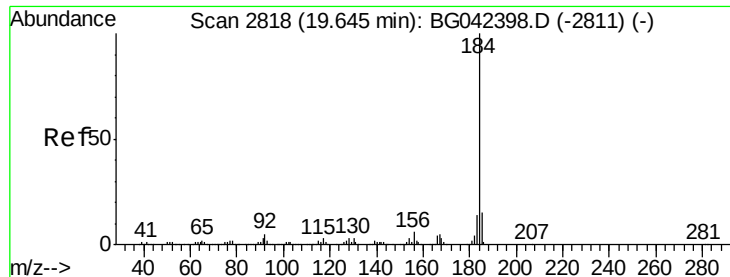
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		267073		
120	5.6	5.7	8.5#		
236	25.3	21.0	31.4		





#77

Benzidine

Concen: 4.129 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:184 Resp: 31618

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

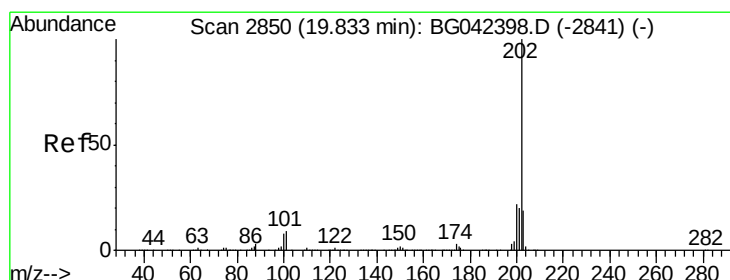
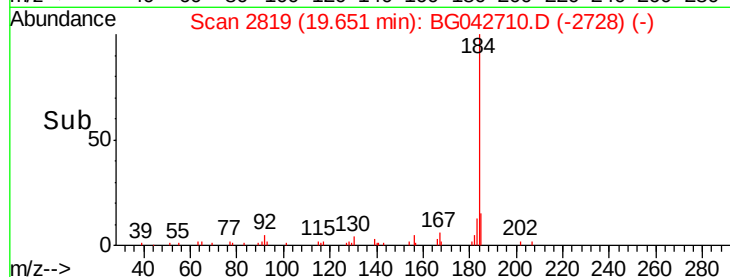
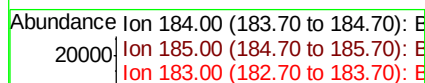
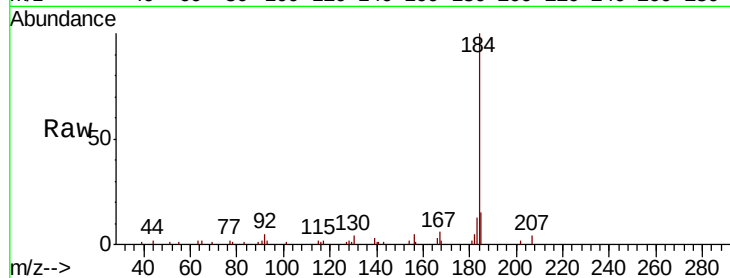
183 12.8 10.8 16.2

Manual Integrations

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mohammad

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#78

Pyrene

Concen: 45.368 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

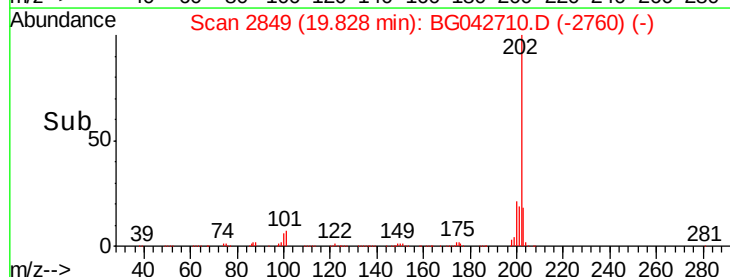
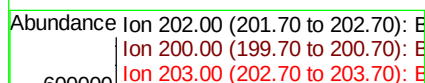
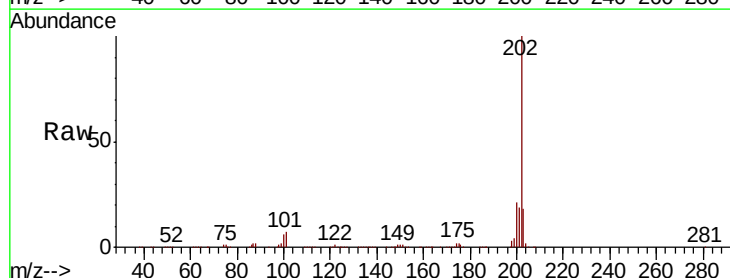
Tgt Ion:202 Resp: 742868

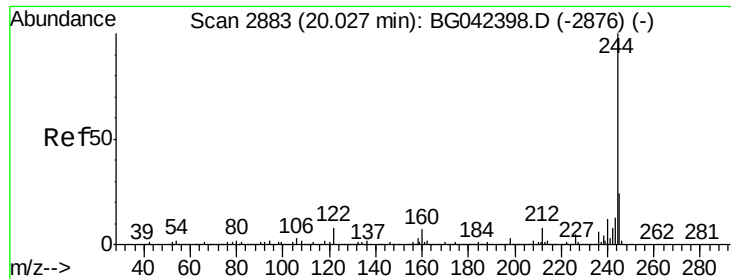
Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

203 18.5 15.5 23.3





#79

Terphenyl-d14

Concen: 91.190 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:244 Resp: 1126519

Ion Ratio Lower Upper

244 100

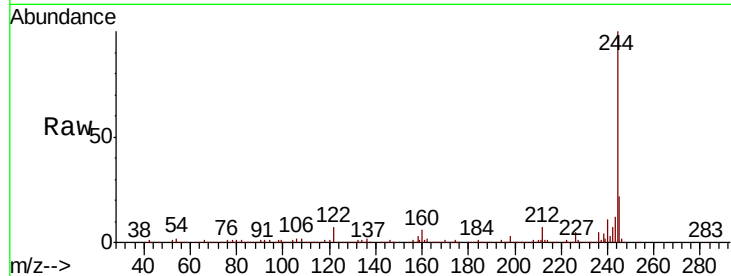
212 7.2 6.0 9.0

122 7.2 6.7 10.1

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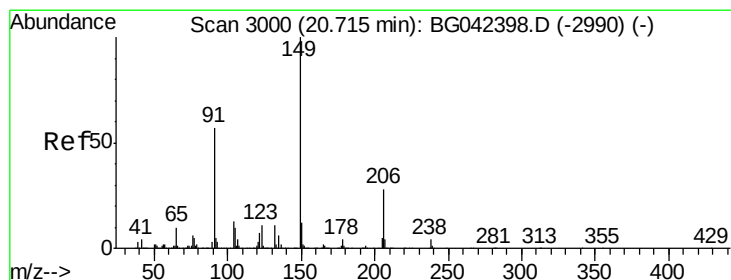
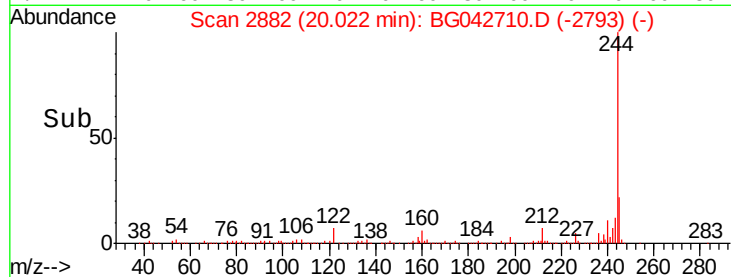
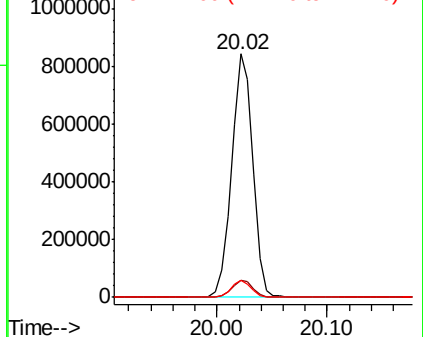
9/10/2019 9:50:32 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.507 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:149 Resp: 260876

Ion Ratio Lower Upper

149 100

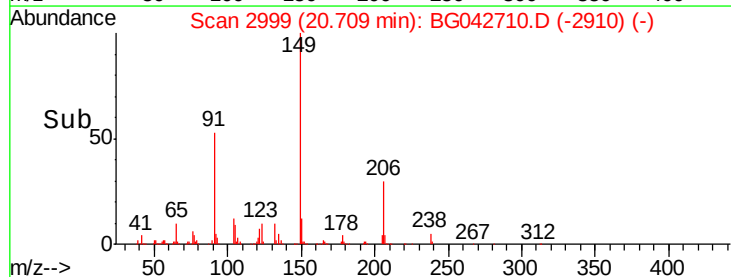
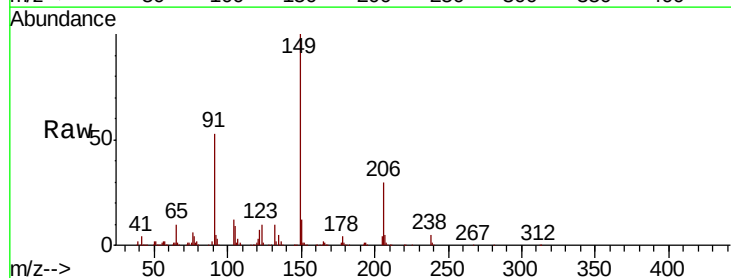
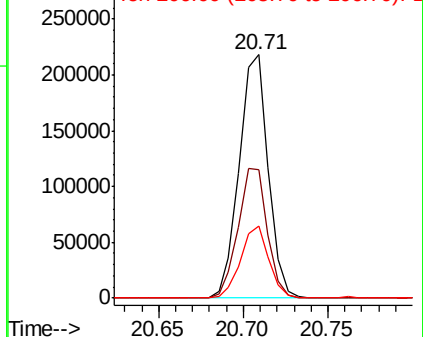
91 52.8 45.9 68.9

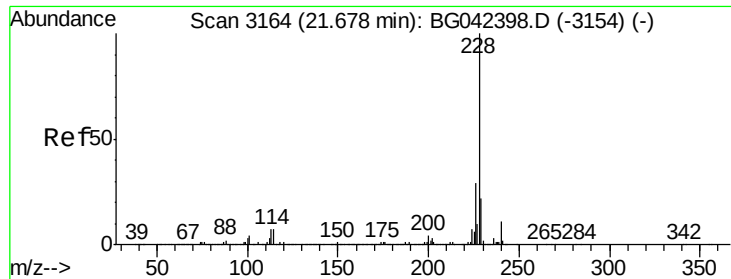
206 29.6 22.5 33.7

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.920 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Instrument :

BNA_G

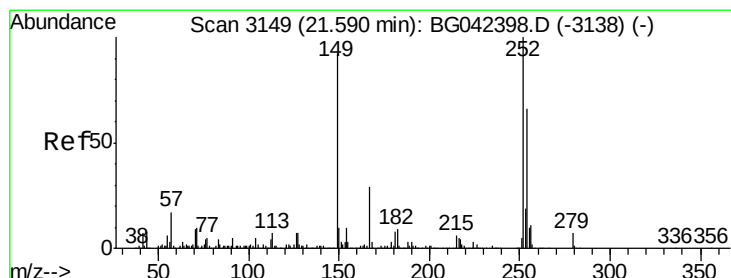
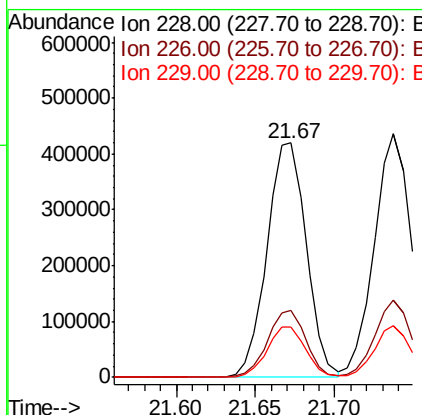
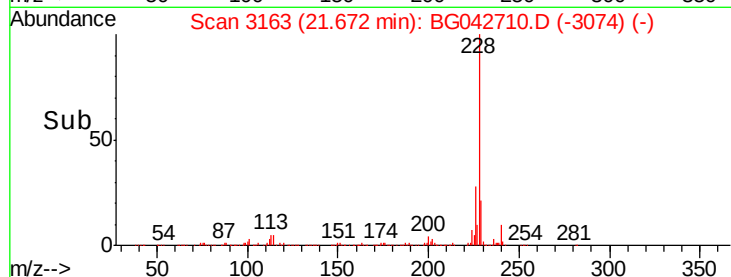
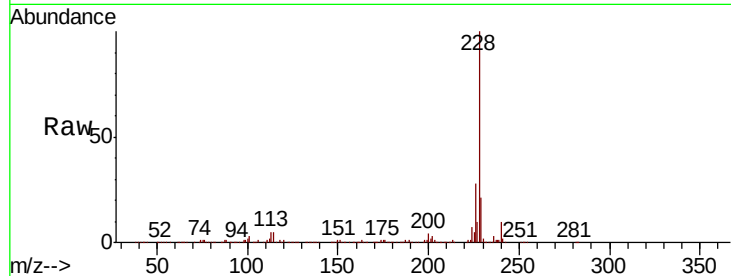
ClientSampleId :

PAR-11-A1-A4-(0-4)MS

Tot Ion:	228	Resp:	729789
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	21.4	17.4	26.2

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#82

3,3'-Dichlorobenzidine

Concen: 20.598 ng

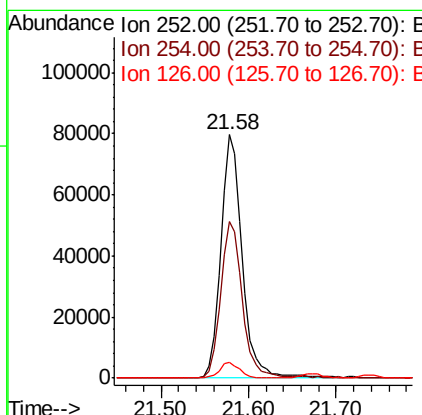
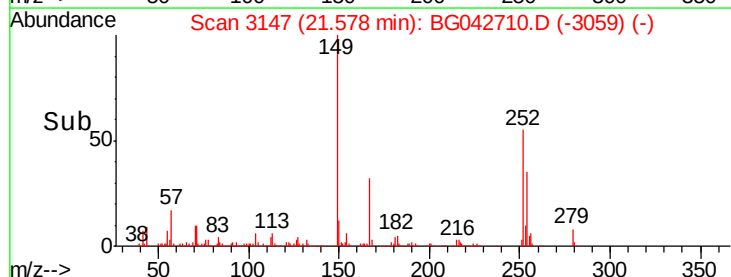
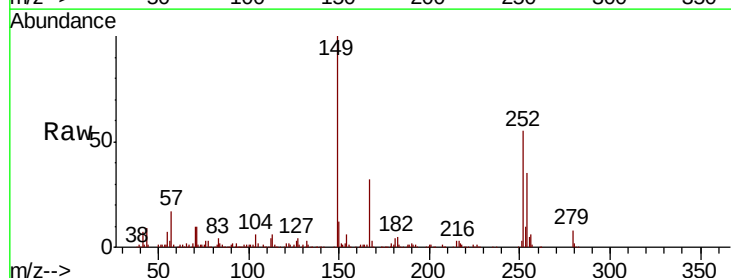
RT: 21.58 min Scan# 3147

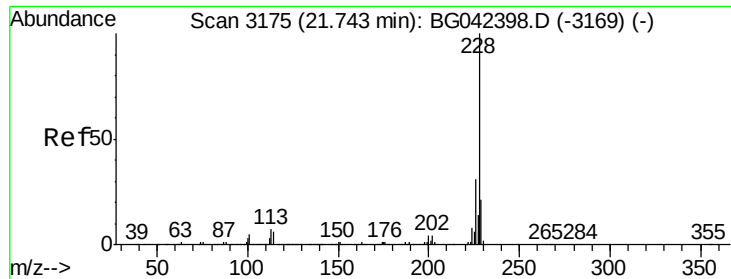
Delta R.T. -0.01 min

Lab File: BG042710.D

Acq: 4 Sep 2019 16:42

Tgt Ion:	252	Resp:	134587
Ion Ratio	Lower	Upper	
252	100		
254	64.5	53.0	79.4
126	6.3	5.7	8.5





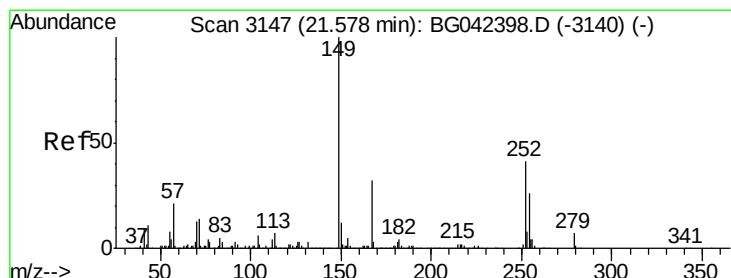
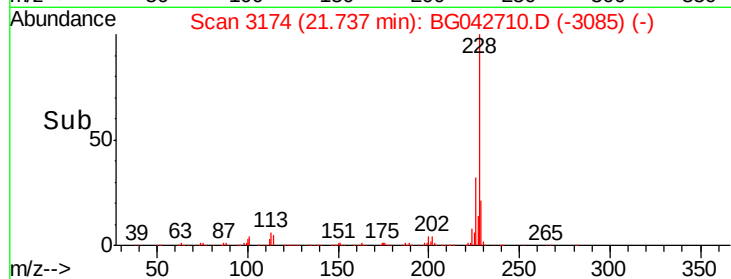
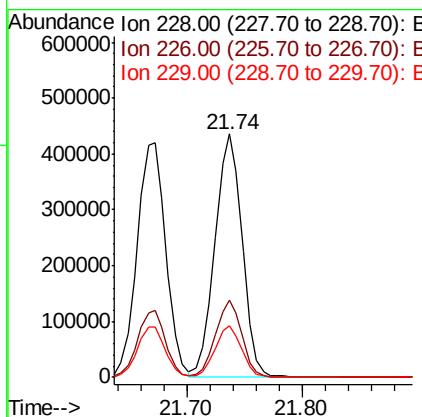
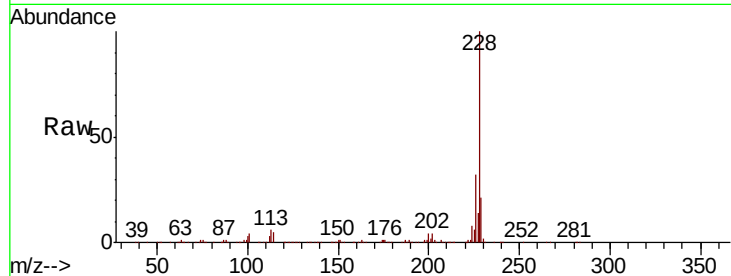
#83
Chrysene
Concen: 45.154 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.3	16.9	25.3

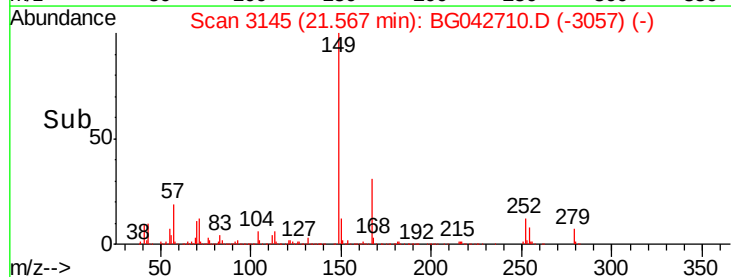
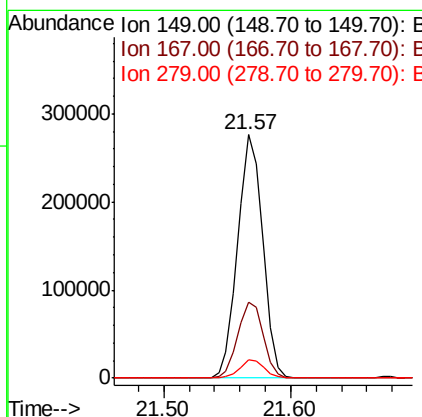
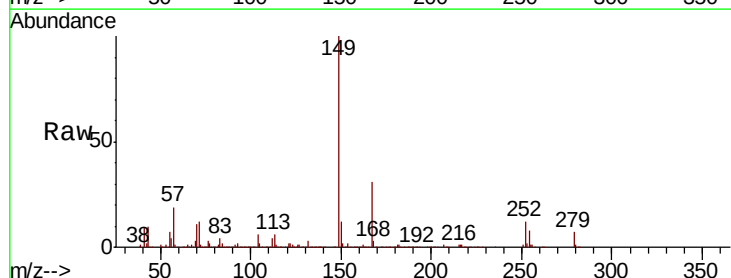
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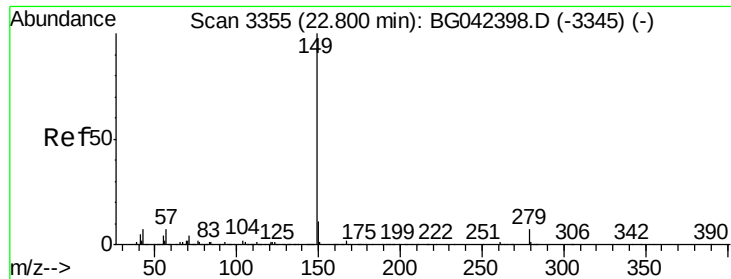
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.245 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	26.0	39.0
279	7.3	5.4	8.0





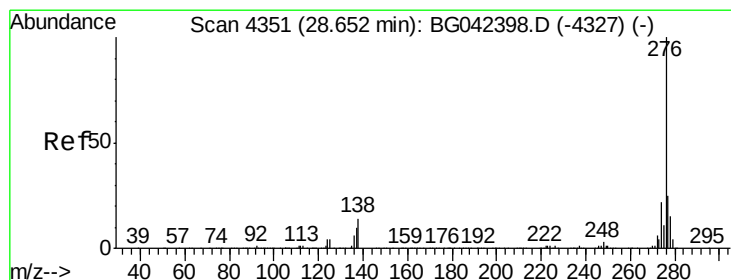
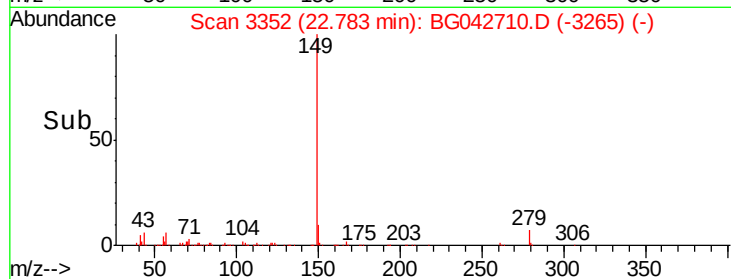
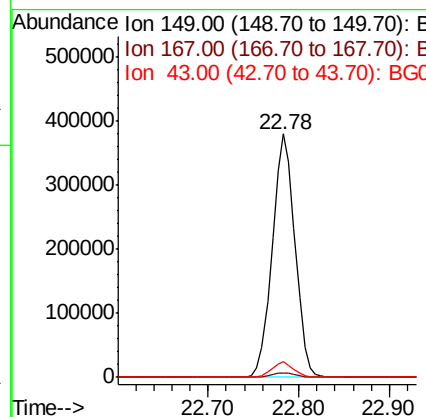
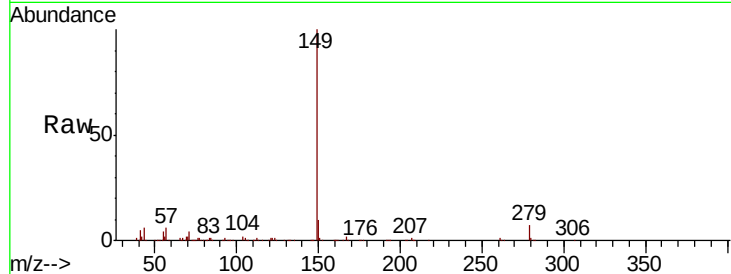
#85
Di-n-octyl phthalate
Concen: 42.832 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	658736		
167	1.9		1.6	2.4
43	6.1		5.3	7.9

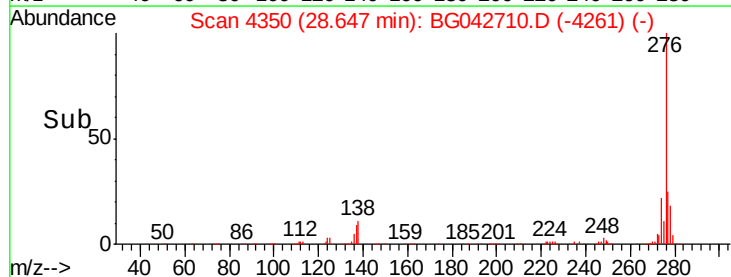
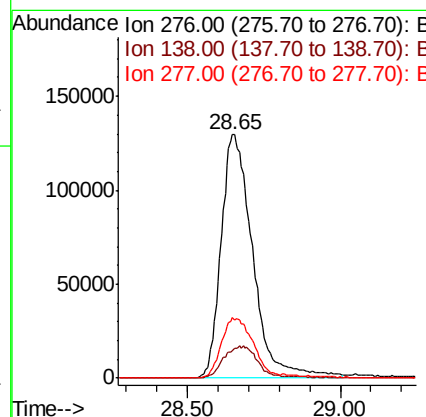
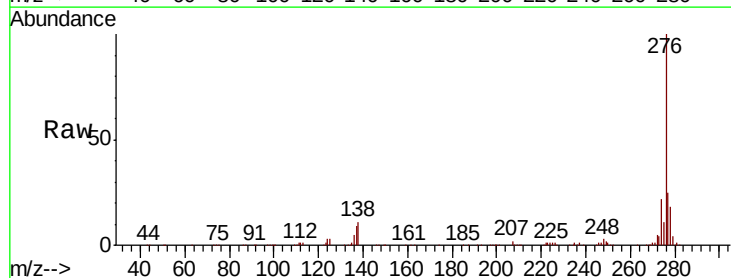
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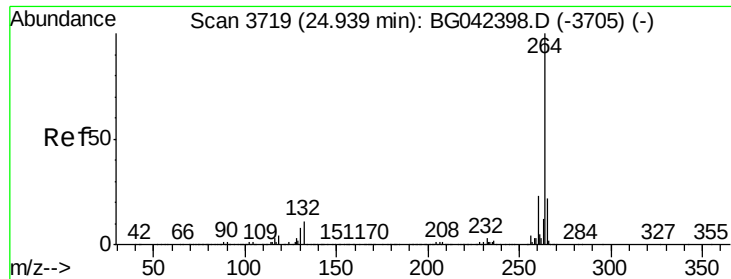
mohammad
9/10/2019 9:50:32 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.838 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	933442		
138	0.0		9.2	13.8#
277	24.7		21.0	31.6





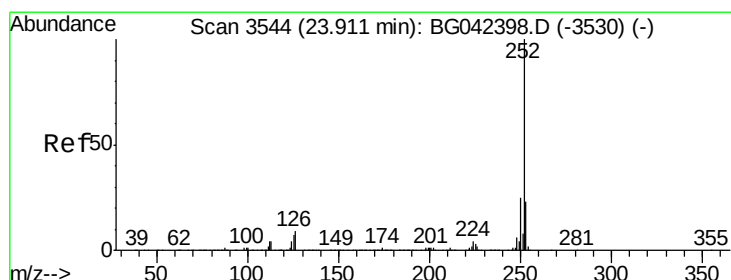
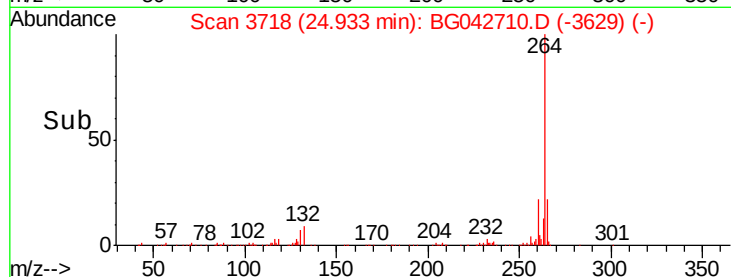
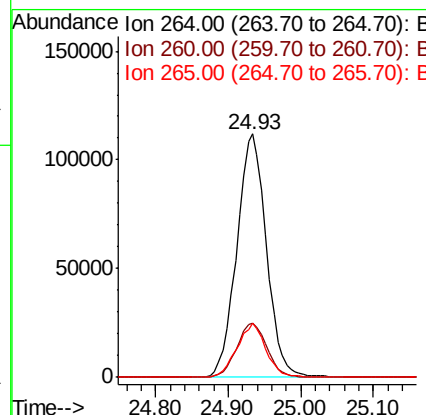
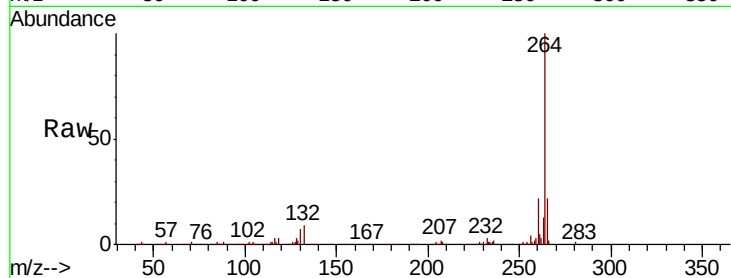
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	22.4	17.6	26.4

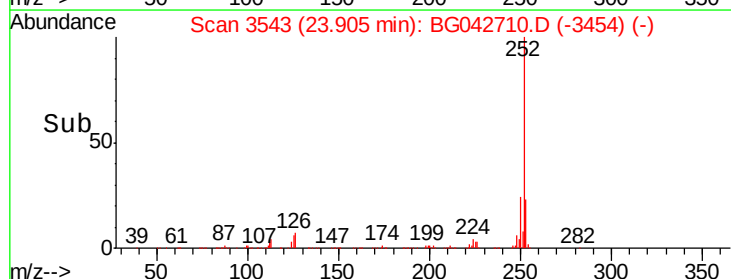
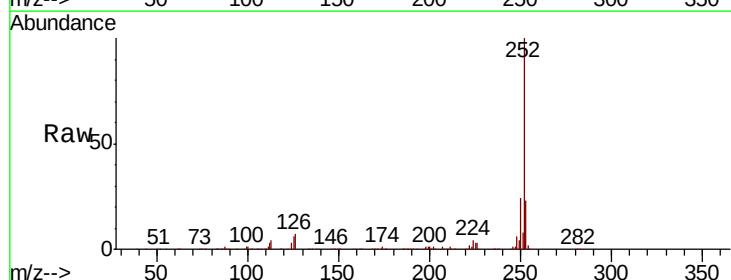
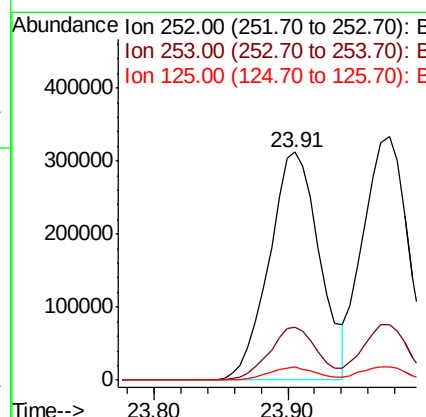
Manual Integrations
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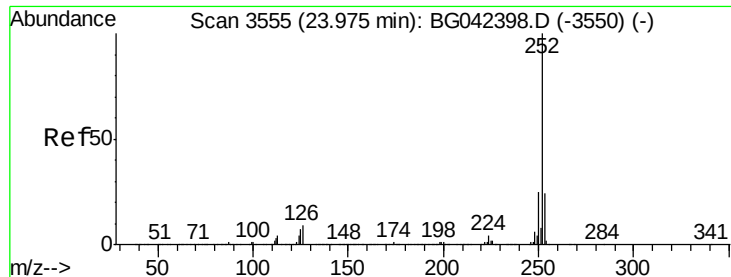
mohammad
 9/10/2019 9:50:32 AM



#88
 Benzo(b)fluoranthene
 Concen: 46.956 ng
 RT: 23.91 min Scan# 3543
 Delta R.T. -0.01 min
 Lab File: BG042710.D
 Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	5.7	5.6	8.4





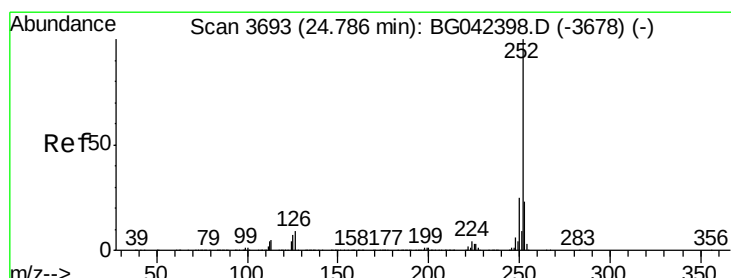
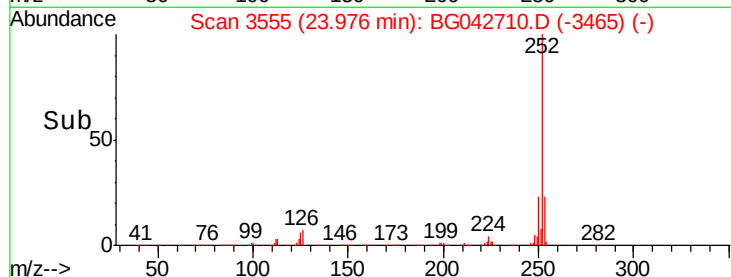
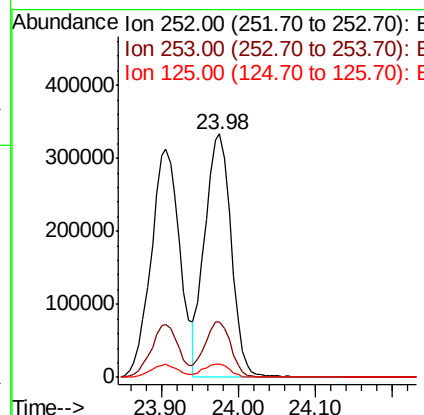
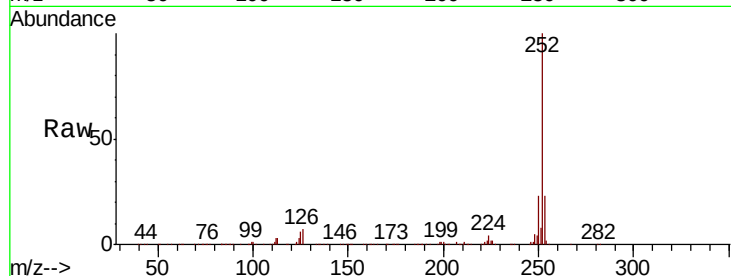
#89
Benzo(k)fluoranthene
Concen: 46.912 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	5.6	5.8	8.6#

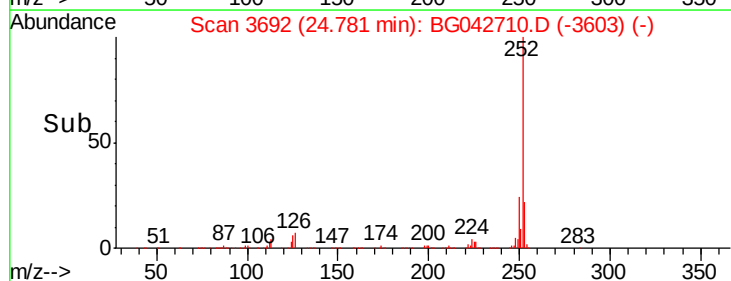
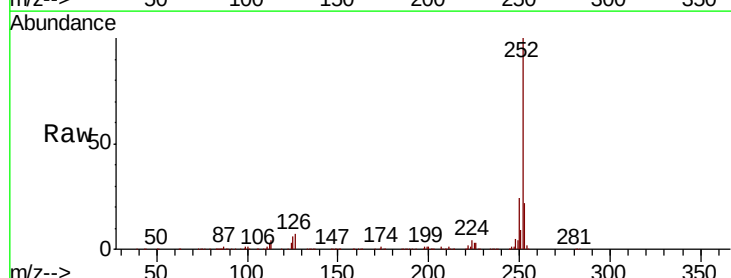
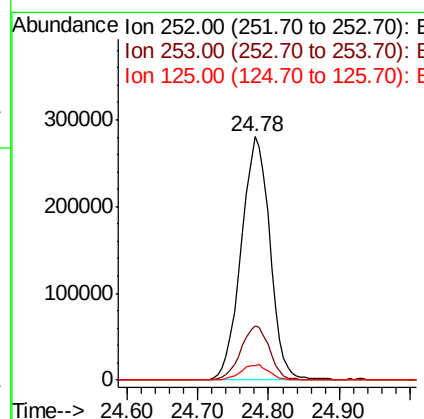
Manual Integrations
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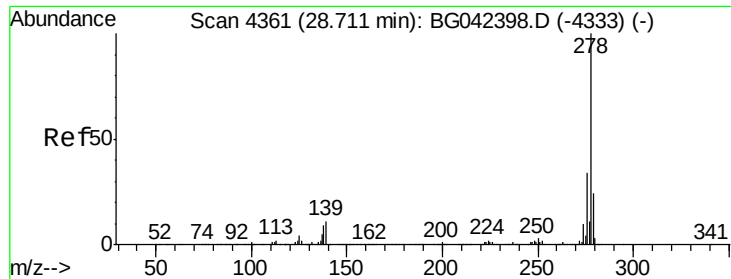
mohammad
9/10/2019 9:50:32 AM



#90
Benzo(a)pyrene
Concen: 47.915 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	5.9	6.0	9.0#





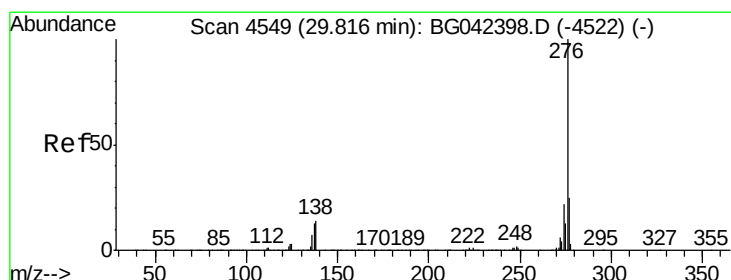
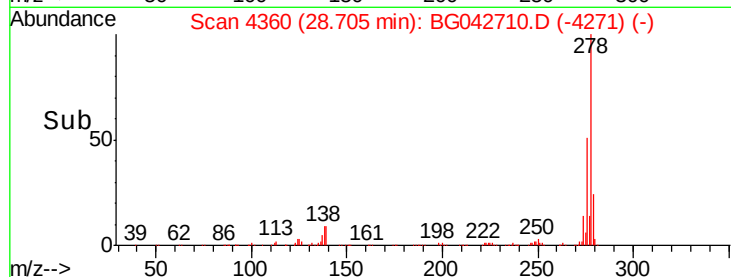
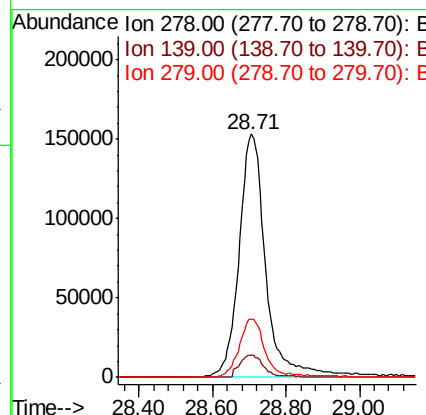
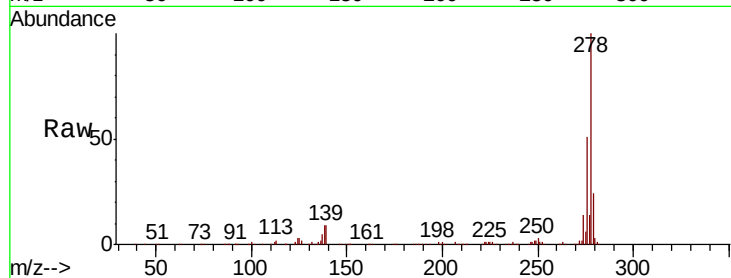
#91
Dibenzo(a,h)anthracene
Concen: 45.716 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	24.0	19.1	28.7

Manual Integrations
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mohammad
9/10/2019 9:50:32 AM



#92
Benzo(g,h,i)perylene
Concen: 43.119 ng
RT: 29.82 min Scan# 4550
Delta R.T. 0.01 min
Lab File: BG042710.D
Acq: 4 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	12.5	11.4	17.0

